

**Main Criteria:** Georgia Standards of Excellence  
**Secondary Criteria:** Alliance to Save Energy  
**Subjects:** Language Arts, Mathematics, Science, Social Studies  
**Grades:** K, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12  
**Correlation Options:** Show Correlated

**Georgia Standards of Excellence**  
**Language Arts**  
Grade: 3 - Adopted: 2015

**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Craft and Structure</b>

ELEMENT/GLE      ELAGSE3      Refer to parts of stories, dramas, and poems when writing or speaking about a text, using terms such as  
RL5                      chapter, scene, and stanza; describe how each successive part builds on earlier sections.

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**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Range of Reading and Level of Text Complexity</b>

ELEMENT/GLE      ELAGSE3      By the end of the year, read and comprehend literature, including stories, dramas, and poetry, at the high end  
RL10                      of the grades 2-3 text complexity band independently and proficiently.

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**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Key Ideas and Details</b>

ELEMENT/GLE      ELAGSE3      Ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for  
RI1                      the answers.

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ELEMENT/GLE	ELAGSE 3RI2	Determine the main idea of a text; recount the key details and explain how they support the main idea.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Craft and Structure</b>

ELEMENT/GLE	ELAGSE3 RI4	Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 3 topic or subject area.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Integration of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE3 RI7	Use information gained from illustrations (e.g., maps, photographs) and the words in a text to demonstrate understanding of the text (e.g., where, when, why, and how key events occur).  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance Family Presentation Staff Presentation
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**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Range of Reading and Level of Text Complexity</b>

ELEMENT/GLE	ELAGSE3 RI10	By the end of the year, read and comprehend informational texts, including history/social studies, science, and technical texts, at the high end of the grades 2-3 text complexity band independently and proficiently.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Foundational</b>
<b>ELEMENT</b>		<b>Fluency</b>

<b>ELEMENT/GLE</b>	<b>ELAGSE 3RF4</b>	<b>Read with sufficient accuracy and fluency to support comprehension.</b>
EXPECTATION	ELAGSE3 RF4.a	Read on-level text with purpose and understanding.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
EXPECTATION	ELAGSE 3RF4.c	Use context to confirm or self-correct word recognition and understanding, rereading as necessary.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation

**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Text Types and Purpose</b>
<b>ELEMENT/GLE</b>	<b>ELAGSE 3W2</b>	<b>Write informative/explanatory texts to examine a topic and convey ideas and information clearly.</b>
EXPECTATION	ELAGSE3 W2.a	Introduce a topic and group related information together; include illustrations when useful to aiding comprehension.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance Assembly Announcement Carbon Footprint Journal Poster Campaign Staff Presentation
EXPECTATION	ELAGSE 3W2.b	Develop the topic with facts, definitions, and details.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 3W2.c	Use linking words and phrases (e.g., also, another, and, more, but) to connect ideas within categories of information.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance Assembly Announcement Carbon Footprint Journal Staff Presentation

EXPECTATION ELAGSE 3W2.d Provide a concluding statement or section.

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**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Text Types and Purpose</b>
<b>ELEMENT/GLE</b>	<b>ELAGSE 3W3</b>	<b>Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.</b>

EXPECTATION ELAGSE3 W3.b Use dialogue and descriptions of actions, thoughts, and feelings to develop experiences and events or show the response of characters to situations.

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**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Production and Distribution of Writing</b>

ELEMENT/GLE ELAGSE3 W4 With guidance and support from adults, produce writing in which the development and organization are appropriate to task and purpose. (Grade-specific expectations for writing types are defined in Standards 1-3 above.)

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ELEMENT/GLE ELAGSE 3W5 With guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, and editing. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grade 3.)

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**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

STANDARD / DESCRIPTION		Writing
ELEMENT		Research to Build and Present Knowledge
ELEMENT/GLE	ELAGSE3 W7	Conduct short research projects that build knowledge about a topic.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 My Future Green Career

ELEMENT/GLE	ELAGSE3 3W8	Recall information from experience or gather information from print and digital sources; take brief notes on sources and sort evidence into provided categories.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 My Future Green Career
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**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

STANDARD / DESCRIPTION		Writing
ELEMENT		Range of Writing

ELEMENT/GLE	ELAGSE3 W10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance Assembly Announcement Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Comprehension and Collaboration
ELEMENT/GLE	ELAGSE3 3SL1	Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 3 topics and texts, building on others' ideas and expressing their own clearly.

EXPECTATION	ELAGSE3 SL1.a	Come to discussions prepared, having read or studied required material; explicitly draw on that preparation and other information known about the topic to explore ideas under discussion.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance 3-8 Custodial Presentation & Pledge Assembly Announcement Poster Campaign Staff Presentation
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EXPECTATION	ELAGSE 3SL1.b	Follow agreed-upon rules for discussions (e.g., gaining the floor in respectful ways, listening to others with care, speaking one at a time about the topics and texts under discussion).  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance 3-8 Custodial Presentation & Pledge Assembly Announcement Poster Campaign Staff Presentation
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EXPECTATION	ELAGSE 3SL1.c	Ask questions to check understanding of information presented, stay on topic, and link their comments to the remarks of others.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance 3-8 Custodial Presentation & Pledge Assembly Announcement Poster Campaign Staff Presentation
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EXPECTATION	ELAGSE 3SL1.d	Explain their own ideas and understanding in light of the discussion.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance 3-8 Custodial Presentation & Pledge Assembly Announcement Poster Campaign Staff Presentation
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**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

<b>STANDARD / DESCRIPTION</b>		<b>Speaking and Listening</b>
<b>ELEMENT</b>		<b>Comprehension and Collaboration</b>

ELEMENT/GLE	ELAGSE3 SL2	Determine the main ideas and supporting details of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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ELEMENT/GLE	ELAGSE 3SL3	Ask and answer questions about information from a speaker, offering appropriate elaboration and detail.  <b><u>Alliance to Save Energy</u></b> 3-5 Final Presentation & Peer Performance Assembly Announcement Staff Presentation
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**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

<b>STANDARD / DESCRIPTION</b>		<b>Speaking and Listening</b>
<b>ELEMENT</b>		<b>Presentation of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE3 SL4	Report on a topic or text, tell a story, or recount an experience with appropriate facts and relevant, descriptive details, speaking clearly at an understandable pace.  <b>Alliance to Save Energy</b> 3-5 Final Presentation & Peer Performance Assembly Announcement Staff Presentation
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**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

STANDARD / DESCRIPTION		Language
ELEMENT		Knowledge of Language
ELEMENT/GLE	ELAGSE 3L3	Use knowledge of language and its conventions when writing, speaking, reading, or listening.

EXPECTATION	ELAGSE3 L3.a	Choose words and phrases for effect.  <b>Alliance to Save Energy</b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance Assembly Announcement Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

STANDARD / DESCRIPTION		Language
ELEMENT		Vocabulary Acquisition and Use
ELEMENT/GLE	ELAGSE 3L4	Determine or clarify the meaning of unknown and multiple-meaning word and phrases based on grade 3 reading and content, choosing flexibly from a range of strategies.

EXPECTATION	ELAGSE3 L4.a	Use sentence-level context as a clue to the meaning of a word or phrase.  <b>Alliance to Save Energy</b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

STANDARD / DESCRIPTION		Language
ELEMENT		Vocabulary Acquisition and Use
ELEMENT/GLE	ELAGSE 3L5	With guidance and support from adults, demonstrate understanding of word relationships and nuances in word meanings.

EXPECTATION	ELAGSE3 L5.a	Distinguish the literal and non-literal meanings of words and phrases in context (e.g., take steps).  <b>Alliance to Save Energy</b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.00400. Language Arts/Grade 3**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>

ELEMENT/GLE      ELAGSE3 L6      Acquire and use accurately grade-appropriate conversational, general academic, and domain-specific vocabulary, including words and phrases that signal spatial and temporal relationships (e.g., After dinner that night we went looking for them).

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**Georgia Standards of Excellence**  
**Language Arts**  
Grade: 4 - Adopted: 2015

**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Key Ideas and Details</b>

ELEMENT/GLE      ELAGSE 4RL3      Describe in depth a character, setting, or event in a story or drama, drawing on specific details in the text (e.g., a character's thoughts, words, or actions).

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**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Craft and Structure</b>

ELEMENT/GLE      ELAGSE 4RL5      Explain major differences between poems, drama, and prose, and refer to the structural elements of poems (e.g., verse, rhythm, meter) and drama (e.g., casts of characters, settings, descriptions, dialogue, stage directions) when writing or speaking about a text.

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**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Range of Reading and Level of Text Complexity</b>

ELEMENT/GLE	ELAGSE 4RL10	By the end of the year, read and comprehend literature, including stories, dramas, and poetry, in the grades 4-5 text complexity band proficiently, with scaffolding as needed at the high end of the range.
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**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Key Ideas and Details</b>

ELEMENT/GLE	ELAGSE 4RI1	Refer to details and examples in a text when explaining what the text says explicitly and when drawing inferences from the text.
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ELEMENT/GLE	ELAGSE 4RI2	Determine the main idea of a text and explain how it is supported by key details; summarize the text.
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**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Craft and Structure</b>

ELEMENT/GLE	ELAGSE 4RI4	Determine the meaning of general academic language and domain-specific words or phrases in a text relevant to a grade 4 topic or subject area.
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 Staff Presentation

**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Integration of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE 4RI7	Interpret information presented visually, orally, or quantitatively (e.g., in charts, graphs, diagrams, time lines, animations, or interactive elements on Web pages) and explain how the information contributes to an understanding of the text in which it appears.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">Family Presentation</a>  <a href="#">Staff Presentation</a></p>

ELEMENT/GLE	ELAGSE 4RI8	Explain how an author uses reasons and evidence to support particular points in a text.
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**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

STANDARD / DESCRIPTION		Reading Informational
ELEMENT		Range of Reading and Level of Text Complexity

ELEMENT/GLE	ELAGSE 4RI10	By the end of the year, read and comprehend informational texts, including history/social studies, science, and technical texts, in the grades 4-5 text complexity band proficiently, with scaffolding as needed at the high end of the range.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">3-8 Custodial Presentation &amp; Pledge</a>  <a href="#">Assembly Announcement</a>  <a href="#">Family Presentation</a>  <a href="#">Staff Presentation</a></p>

**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

STANDARD / DESCRIPTION		Reading Foundational
ELEMENT		Fluency
ELEMENT/GLE	ELAGSE 4RF4	Read with sufficient accuracy and fluency to support comprehension.

EXPECTATION	ELAGSE 4RF4.a	Read on-level text with purpose and understanding.
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EXPECTATION	ELAGSE 4RF4.c	Use context to confirm or self-correct word recognition and understanding, rereading as necessary.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">3-8 Custodial Presentation &amp; Pledge</a>  <a href="#">Assembly Announcement</a>  <a href="#">Family Presentation</a>  <a href="#">Staff Presentation</a></p>

**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

STANDARD / DESCRIPTION		Writing
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ELEMENT		Text Types and Purpose
ELEMENT/GLE	ELAGSE 4W2	Write informative/explanatory texts to examine a topic and convey ideas and information clearly.
EXPECTATION	ELAGSE 4W2.a	<p>Introduce a topic clearly and group related information in paragraphs and sections; include formatting (e.g., headings), illustrations, and multimedia when useful to aiding comprehension.</p> <p><b><u>Alliance to Save Energy</u></b>  <a href="#">3-5 Explore Renewables Energy Poster Project</a>  <a href="#">3-5 Final Presentation &amp; Peer Performance</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>
EXPECTATION	ELAGSE 4W2.b	<p>Develop the topic with facts, definitions, concrete details, quotations, or other information and examples related to the topic.</p> <p><b><u>Alliance to Save Energy</u></b>  <a href="#">3-5 Explore Renewables Energy Poster Project</a>  <a href="#">3-5 Final Presentation &amp; Peer Performance</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>
EXPECTATION	ELAGSE 4W2.c	<p>Link ideas within categories of information using words and phrases. (e.g., another, for example, also, because).</p> <p><b><u>Alliance to Save Energy</u></b>  <a href="#">3-5 Explore Renewables Energy Poster Project</a>  <a href="#">3-5 Final Presentation &amp; Peer Performance</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>
EXPECTATION	ELAGSE 4W2.d	<p>Use precise language and domain-specific vocabulary to inform about or explain the topic.</p> <p><b><u>Alliance to Save Energy</u></b>  <a href="#">3-5 Explore Renewables Energy Poster Project</a>  <a href="#">3-5 Final Presentation &amp; Peer Performance</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>
EXPECTATION	ELAGSE 4W2.e	<p>Provide a concluding statement or section related to the information or explanation presented.</p> <p><b><u>Alliance to Save Energy</u></b>  <a href="#">3-5 Explore Renewables Energy Poster Project</a>  <a href="#">3-5 Final Presentation &amp; Peer Performance</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

STANDARD / DESCRIPTION		Writing
ELEMENT		Production and Distribution of Writing

ELEMENT/GLE	ELAGSE 4W4	Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Standards 1–3 above.)
		<p><b><u>Alliance to Save Energy</u></b></p> <p>3-5 Explore Renewables Energy Poster Project</p> <p>3-5 Final Presentation &amp; Peer Performance</p> <p>3-5 My Future Green Career</p> <p>3-8 Custodial Presentation &amp; Pledge</p> <p>Assembly Announcement</p> <p>Carbon Footprint Journal</p> <p>Staff Presentation</p>

ELEMENT/GLE	ELAGSE 4W5	With guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, and editing. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grade 4.)
		<p><b><u>Alliance to Save Energy</u></b></p> <p>3-5 Explore Renewables Energy Poster Project</p> <p>3-5 Final Presentation &amp; Peer Performance</p> <p>Assembly Announcement</p> <p>Carbon Footprint Journal</p> <p>Staff Presentation</p>

**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Research to Build and Present Knowledge</b>

ELEMENT/GLE	ELAGSE 4W7	Conduct short research projects that build knowledge through investigation of different aspects of a topic.
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ELEMENT/GLE	ELAGSE 4W8	Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information, and provide a list of sources.
		<p><b><u>Alliance to Save Energy</u></b></p> <p>3-5 Explore Renewables Energy Poster Project</p> <p>3-5 My Future Green Career</p>

**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Research to Build and Present Knowledge</b>
<b>ELEMENT/GLE</b>	<b>ELAGSE 4W9</b>	<b>Draw evidence from literary or informational texts to support analysis, reflection, and research.</b>

EXPECTATION	ELAGSE 4W9.a	Apply grade 4 Reading Standards to literature (e.g., “Describe in depth a character, setting, or event in a story or drama, drawing on specific details in the text [e.g., a character’s thoughts, words, or actions]”).
		<p><b><u>Alliance to Save Energy</u></b></p> <p>3-8 Custodial Presentation &amp; Pledge</p> <p>Assembly Announcement</p> <p>Family Presentation</p> <p>Staff Presentation</p>

EXPECTATION ELAGSE 4W9.b Apply grade 4 Reading Standards to informational texts (e.g., "Explain how an author uses reasons and evidence to support particular points in a text").

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**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

STANDARD / DESCRIPTION		Writing
ELEMENT		Range of Writing

ELEMENT/GLE ELAGSE 4W10 Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.

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**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Comprehension and Collaboration

ELEMENT/GLE ELAGSE 4SL1 Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 4 topics and texts, building on others' ideas and expressing their own clearly.

EXPECTATION ELAGSE 4SL1.a Come to discussions prepared, having read or studied required material; explicitly draw on that preparation and other information known about the topic to explore ideas under discussion.

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EXPECTATION ELAGSE 4SL1.b Follow agreed-upon rules for discussions and carry out assigned roles.

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EXPECTATION	ELAGSE 4SL1.c	Pose and respond to specific questions to clarify or follow up on information, and make comments that contribute to the discussion and link to the remarks of others.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance 3-8 Custodial Presentation & Pledge Assembly Announcement Poster Campaign Staff Presentation
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EXPECTATION	ELAGSE 4SL1.d	Review the key ideas expressed and explain their own ideas and understanding in light of the discussion.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance 3-8 Custodial Presentation & Pledge Assembly Announcement Poster Campaign Staff Presentation
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**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

<b>STANDARD / DESCRIPTION</b>		<b>Speaking and Listening</b>
<b>ELEMENT</b>		<b>Comprehension and Collaboration</b>

ELEMENT/GLE	ELAGSE 4SL2	Paraphrase portions of a text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

<b>STANDARD / DESCRIPTION</b>		<b>Speaking and Listening</b>
<b>ELEMENT</b>		<b>Presentation of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE 4SL4	Report on a topic or text, tell a story, or recount an experience in an organized manner, using appropriate facts and relevant, descriptive details to support main ideas or themes; speak clearly at an understandable pace.  <b><u>Alliance to Save Energy</u></b> 3-5 Final Presentation & Peer Performance Assembly Announcement Staff Presentation
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ELEMENT/GLE	ELAGSE 4SL6	Differentiate between contexts that call for formal English (e.g., presenting ideas) and situations where informal discourse is appropriate (e.g., small-group discussion); use formal English when appropriate to task and situation. (See grade 4 Language Standard 1 for specific expectations.)
		<p><b><u>Alliance to Save Energy</u></b>  3-5 Explore Renewables Energy Poster Project  3-5 Final Presentation &amp; Peer Performance  3-8 Custodial Presentation &amp; Pledge  Assembly Announcement  Poster Campaign  Staff Presentation</p>

**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

STANDARD / DESCRIPTION		Language
ELEMENT		Conventions of Standard English
ELEMENT/GLE	ELAGSE 4L1	Demonstrate command of the conventions of Standard English grammar and usage when writing or speaking.

EXPECTATION	ELAGSE 4L1.f	Produce complete sentences, recognizing and correcting rhetorically poor fragments and run-ons.
		<p><b><u>Alliance to Save Energy</u></b>  3-5 Explore Renewables Energy Poster Project  3-5 My Future Green Career  3-8 Custodial Presentation &amp; Pledge  Carbon Footprint Journal  Staff Presentation</p>

**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

STANDARD / DESCRIPTION		Language
ELEMENT		Knowledge of Language
ELEMENT/GLE	ELAGSE 4L3	Use knowledge of language and its conventions when writing, speaking, reading, or listening.

EXPECTATION	ELAGSE 4L3.a	Choose words and phrases to convey ideas precisely.
		<p><b><u>Alliance to Save Energy</u></b>  3-5 Explore Renewables Energy Poster Project  3-5 Final Presentation &amp; Peer Performance  Assembly Announcement  Carbon Footprint Journal  Staff Presentation</p>

EXPECTATION	ELAGSE 4L3.c	Differentiate between contexts that call for formal English (e.g., presenting ideas) and situations where informal discourse is appropriate (e.g., small-group discussion).
		<p><b><u>Alliance to Save Energy</u></b>  3-5 Explore Renewables Energy Poster Project  3-5 Final Presentation &amp; Peer Performance  3-8 Custodial Presentation &amp; Pledge  Assembly Announcement  Poster Campaign  Staff Presentation</p>

**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>
<b>ELEMENT/GLE</b>	<b>ELAGSE 4L4</b>	<b>Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 4 reading and content, choosing flexibly from a range of strategies.</b>
<b>EXPECTATION</b>	<b>ELAGSE 4L4.a</b>	Use context (e.g., definitions, examples, or restatements in text) as a clue to the meaning of a word or phrase.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation

**STRAND/TOPIC 23.00500. Language Arts/Grade 4**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>
<b>ELEMENT/GLE</b>	<b>ELAGSE 4L6</b>	Acquire and use accurately grade-appropriate general academic and domain-specific vocabulary, including words and phrases that signal precise actions, emotions, or states of being (e.g., quizzed, whined, stammered) and words and phrases basic to a particular topic (e.g., wildlife, conservation, and endangered when discussing animal preservation).  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance 3-8 Custodial Presentation & Pledge Assembly Announcement Carbon Footprint Journal Family Presentation Staff Presentation

**Georgia Standards of Excellence  
Language Arts  
Grade: 5 - Adopted: 2015**

**STRAND/TOPIC 23.00600. Language Arts/Grade 5**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Range of Reading and Level of Text Complexity</b>
<b>ELEMENT/GLE</b>	<b>ELAGSE 5RL10</b>	By the end of the year, read and comprehend literature, including stories, dramas, and poetry, at the high end of the grades 4-5 text complexity band independently and proficiently.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation

**STRAND/TOPIC 23.00600. Language Arts/Grade 5**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Key Ideas and Details</b>

ELEMENT/GLE	ELAGSE 5RI2	Determine two or more main ideas of a text and explain how they are supported by key details; summarize the text.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.00600. Language Arts/Grade 5**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Craft and Structure</b>

ELEMENT/GLE	ELAGSE 5RI4	Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 5 topic or subject area.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.00600. Language Arts/Grade 5**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Integration of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE 5RI8	Explain how an author uses reasons and evidence to support particular points in a text, identifying which reasons and evidence supports which point(s).  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.00600. Language Arts/Grade 5**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Range of Reading and Level of Text Complexity</b>

ELEMENT/GLE	ELAGSE 5RI10	By the end of the year, read and comprehend informational texts, including history/social studies, science, and technical texts, at the high end of the grades 4-5 text complexity band independently and proficiently.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.00600. Language Arts/Grade 5**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Foundational</b>
<b>ELEMENT</b>		<b>Fluency</b>

<b>ELEMENT/GLE</b>	<b>ELAGSE 5RF4</b>	<b>Read with sufficient accuracy and fluency to support comprehension.</b>
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EXPECTATION	ELAGSE 5RF4.a	<p>Read on-level text with purpose and understanding.</p> <p><b><u>Alliance to Save Energy</u></b>  3-8 Custodial Presentation &amp; Pledge  Assembly Announcement  Family Presentation  Staff Presentation</p>
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EXPECTATION	ELAGSE 5RF4.c	<p>Use context to confirm or self-correct word recognition and understanding, rereading as necessary.</p> <p><b><u>Alliance to Save Energy</u></b>  3-8 Custodial Presentation &amp; Pledge  Assembly Announcement  Family Presentation  Staff Presentation</p>
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**STRAND/TOPIC 23.00600. Language Arts/Grade 5**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Text Types and Purpose</b>

<b>ELEMENT/GLE</b>	<b>ELAGSE 5W2</b>	<b>Write informative/explanatory texts to examine a topic and convey ideas and information clearly.</b>
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EXPECTATION	ELAGSE 5W2.a	<p>Introduce a topic clearly, provide a general observation and focus, and group related information logically; include formatting (e.g., headings), illustrations, and multimedia when useful to aiding comprehension.</p> <p><b><u>Alliance to Save Energy</u></b>  3-5 Explore Renewables Energy Poster Project  3-5 Final Presentation &amp; Peer Performance  Assembly Announcement  Carbon Footprint Journal  Poster Campaign  Staff Presentation</p>
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EXPECTATION	ELAGSE 5W2.b	<p>Develop the topic with facts, definitions, concrete details, quotations, or other information and examples related to the topic.</p> <p><b><u>Alliance to Save Energy</u></b>  3-5 Explore Renewables Energy Poster Project  3-5 Final Presentation &amp; Peer Performance  Assembly Announcement  Carbon Footprint Journal  Staff Presentation</p>
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EXPECTATION	ELAGSE 5W2.c	<p>Link ideas within and across categories of information using words, phrases, and clauses (e.g., in contrast, especially).</p> <p><b><u>Alliance to Save Energy</u></b>  3-5 Explore Renewables Energy Poster Project  3-5 Final Presentation &amp; Peer Performance  Assembly Announcement  Carbon Footprint Journal  Staff Presentation</p>
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EXPECTATION	ELAGSE 5W2.d	Use precise language and domain-specific vocabulary to inform about or explain the topic.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance Assembly Announcement Carbon Footprint Journal Staff Presentation
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EXPECTATION	ELAGSE 5W2.e	Provide a concluding statement or section related to the information or explanation presented.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance Assembly Announcement Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.00600. Language Arts/Grade 5**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Production and Distribution of Writing</b>

ELEMENT/GLE	ELAGSE 5W4	Produce clear and coherent writing in which the development and organization are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Standards 1–3 above.)  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance 3-5 My Future Green Career 3-8 Custodial Presentation & Pledge Assembly Announcement Carbon Footprint Journal Staff Presentation
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ELEMENT/GLE	ELAGSE 5W5	With guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, and editing. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grade 5.)  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance Assembly Announcement Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.00600. Language Arts/Grade 5**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Research to Build and Present Knowledge</b>

ELEMENT/GLE	ELAGSE 5W7	Conduct short research projects that use several sources to build knowledge through investigation of different aspects of a topic.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 My Future Green Career
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ELEMENT/GLE	ELAGSE 5W8	Recall relevant information from experiences or gather relevant information from print and digital sources; summarize or paraphrase information in notes and finished work, and provide a list of sources.
		<p><b><u>Alliance to Save Energy</u></b>  3-5 Explore Renewables Energy Poster Project  3-5 My Future Green Career  Assembly Announcement  Staff Presentation</p>

**STRAND/TOPIC 23.00600. Language Arts/Grade 5**

STANDARD / DESCRIPTION		Writing
ELEMENT		Research to Build and Present Knowledge
ELEMENT/GLE	ELAGSE 5W9	Draw evidence from literary or informational texts to support analysis, reflection, and research.

EXPECTATION	ELAGSE 5W9.b	Apply grade 5 Reading Standards to informational texts (e.g., Explain how an author uses reasons and evidence to support particular points in a text, identifying which reasons and evidence supports which point[s]).
		<p><b><u>Alliance to Save Energy</u></b>  3-8 Custodial Presentation &amp; Pledge  Assembly Announcement  Family Presentation  Staff Presentation</p>

**STRAND/TOPIC 23.00600. Language Arts/Grade 5**

STANDARD / DESCRIPTION		Writing
ELEMENT		Range of Writing

ELEMENT/GLE	ELAGSE 5W10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.
		<p><b><u>Alliance to Save Energy</u></b>  3-5 Explore Renewables Energy Poster Project  3-5 Final Presentation &amp; Peer Performance  Assembly Announcement  Carbon Footprint Journal  Staff Presentation</p>

**STRAND/TOPIC 23.00600. Language Arts/Grade 5**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Comprehension and Collaboration
ELEMENT/GLE	ELAGSE 5SL1	Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 5 topics and texts, building on others' ideas and expressing their own clearly.

EXPECTATION	ELAGSE 5SL1.a	Come to discussions prepared, having read or studied required material; explicitly draw on that preparation and other information known about the topic to explore ideas under discussion.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance 3-8 Custodial Presentation & Pledge Assembly Announcement Poster Campaign Staff Presentation
EXPECTATION	ELAGSE 5SL1.b	Follow agreed-upon rules for discussions and carry out assigned roles.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance 3-8 Custodial Presentation & Pledge Assembly Announcement Poster Campaign Staff Presentation
EXPECTATION	ELAGSE 5SL1.c	Pose and respond to specific questions by making comments that contribute to the discussion and elaborate on the remarks of others.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance 3-8 Custodial Presentation & Pledge Assembly Announcement Poster Campaign Staff Presentation

**STRAND/TOPIC 23.00600. Language Arts/Grade 5**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Comprehension and Collaboration
ELEMENT/GLE	ELAGSE 5SL2	Summarize a written text read aloud or information presented in diverse media and formats, including visually, quantitatively, and orally.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation

**STRAND/TOPIC 23.00600. Language Arts/Grade 5**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Presentation of Knowledge and Ideas
ELEMENT/GLE	ELAGSE 5SL4	Report on a topic or text or present an opinion, sequencing ideas logically and using appropriate facts and relevant, descriptive details to support main ideas or themes; speak clearly at an understandable pace.  <b><u>Alliance to Save Energy</u></b> 3-5 Final Presentation & Peer Performance Assembly Announcement Staff Presentation

ELEMENT/GLE	ELAGSE 5SL5	Include multimedia components (e.g., graphics, sound) and visual displays in presentations when appropriate to enhance the development of main ideas or themes.  <b><u>Alliance to Save Energy</u></b> 3-5 Final Presentation & Peer Performance
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**STRAND/TOPIC 23.00600. Language Arts/Grade 5**

STANDARD / DESCRIPTION		Language
ELEMENT		Conventions of Standard English
ELEMENT/GLE	ELAGSE 5L1	Demonstrate command of the conventions of Standard English grammar and usage when writing or speaking.

EXPECTATION	ELAGSE 5L1.d	Recognize and correct inappropriate shifts in verb tense and aspect.  <b><u>Alliance to Save Energy</u></b> 3-5 Explore Renewables Energy Poster Project 3-5 Final Presentation & Peer Performance Assembly Announcement Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.00600. Language Arts/Grade 5**

STANDARD / DESCRIPTION		Language
ELEMENT		Vocabulary Acquisition and Use
ELEMENT/GLE	ELAGSE 5L4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 5 reading and content, choosing flexibly from a range of strategies.

EXPECTATION	ELAGSE 5L4.a	Use context (e.g., cause/effect relationships and comparisons in text) as a clue to the meaning of a word or phrase.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.00600. Language Arts/Grade 5**

STANDARD / DESCRIPTION		Language
ELEMENT		Vocabulary Acquisition and Use

ELEMENT/GLE	ELAGSE 5L6	Acquire and use accurately grade-appropriate general academic and domain-specific vocabulary, including words and phrases that signal contrast, addition, and other logical relationships (e.g., however, although, nevertheless, similarly, moreover, in addition).  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.01100. Language Arts/Grade 6**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Key Ideas and Details</b>

ELEMENT/GLE      ELAGSE      Describe how a particular story's or drama's plot unfolds in a series of episodes as well as how the characters respond or change as the plot moves towards a resolution.

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[3-8 Custodial Presentation & Pledge](#)  
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**STRAND/TOPIC 23.01100. Language Arts/Grade 6**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Range of Reading and Level of Text Complexity</b>

ELEMENT/GLE      ELAGSE      By the end of the year, read and comprehend literature, including stories, dramas, and poems, in the grades 6-8 text complexity band proficiently, with scaffolding as needed at the high end of the range.

**Alliance to Save Energy**  
[3-8 Custodial Presentation & Pledge](#)  
[Assembly Announcement](#)  
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**STRAND/TOPIC 23.01100. Language Arts/Grade 6**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Key Ideas and Details</b>

ELEMENT/GLE      ELAGSE      Cite textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.

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ELEMENT/GLE      ELAGSE      Determine a central idea of a text and how it is conveyed through particular details; provide a summary of the text distinct from personal opinions or judgments.

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ELEMENT/GLE	ELAGSE 6RI3	Analyze in detail how a key individual, event, or idea is introduced, illustrated, and elaborated in a text (e.g., through examples or anecdotes).
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**Alliance to Save Energy**  
 3-8 Custodial Presentation & Pledge  
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 Staff Presentation

**STRAND/TOPIC 23.01100. Language Arts/Grade 6**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Craft and Structure</b>

ELEMENT/GLE	ELAGSE 6RI4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings.
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**Alliance to Save Energy**  
 3-8 Custodial Presentation & Pledge  
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**STRAND/TOPIC 23.01100. Language Arts/Grade 6**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Integration of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE 6RI7	Integrate information presented in different media or formats (e.g., visually, quantitatively) as well as in words to develop a coherent understanding of a topic or issue.
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**Alliance to Save Energy**  
 3-8 Custodial Presentation & Pledge  
 6-8 Explore Renewables Energy Poster Project  
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**STRAND/TOPIC 23.01100. Language Arts/Grade 6**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Text Types and Purpose</b>

ELEMENT/GLE	ELAGSE 6W2	<b>Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.</b>
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EXPECTATION	ELAGSE 6W2.a	Introduce a topic; organize ideas, concepts, and information, using strategies such as definition, classification, comparison/contrast, and cause/effect; include formatting (e.g., headings), graphics (e.g., charts, tables), and multimedia when useful to aiding comprehension.
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**Alliance to Save Energy**  
 6-12 Final Presentation & Peer Performance  
 6-8 Explore Renewables Energy Poster Project  
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 Staff Presentation

EXPECTATION	ELAGSE 6W2.b	Develop the topic with relevant facts, definitions, concrete details, quotations, or other information and examples.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 6W2.c	Use appropriate transitions to clarify the relationships among ideas and concepts.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 6W2.d	Use precise language and domain-specific vocabulary to inform about or explain the topic.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 6W2.f	Provide a concluding statement or section that follows from the information or explanation presented.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation

**STRAND/TOPIC 23.01100. Language Arts/Grade 6**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Production and Distribution of Writing</b>

ELEMENT/GLE	ELAGSE 6W4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Standards 1–3 above.)  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project 6-8 My Future Green Career Assembly Announcement Carbon Footprint Journal Staff Presentation
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ELEMENT/GLE	ELAGSE 6W5	With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grade 6.)
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">6-8 Explore Renewables Energy Poster Project</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

**STRAND/TOPIC 23.01100. Language Arts/Grade 6**

STANDARD / DESCRIPTION		Writing
ELEMENT		Research to Build and Present Knowledge

ELEMENT/GLE	ELAGSE 6W7	Conduct short research projects to answer a question, drawing on several sources and refocusing the inquiry when appropriate.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-8 Explore Renewables Energy Poster Project</a>  <a href="#">6-8 My Future Green Career</a></p>

**STRAND/TOPIC 23.01100. Language Arts/Grade 6**

STANDARD / DESCRIPTION		Writing
ELEMENT		Research to Build and Present Knowledge
ELEMENT/GLE	ELAGSE 6W9	Draw evidence from literary or informational texts to support analysis, reflection, and research.

EXPECTATION	ELAGSE 6W9.b	Apply grade 6 Reading Standards to literary nonfiction (e.g., “Trace and evaluate the argument and specific claims in a text, distinguishing claims that are supported by reasons and evidence from claims that are not”).
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">Assembly Announcement</a>  <a href="#">Staff Presentation</a></p>

**STRAND/TOPIC 23.01100. Language Arts/Grade 6**

STANDARD / DESCRIPTION		Writing
ELEMENT		Range of Writing

ELEMENT/GLE	ELAGSE 6W10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">6-8 Explore Renewables Energy Poster Project</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

**STRAND/TOPIC 23.01100. Language Arts/Grade 6**

STANDARD / DESCRIPTION		Speaking and Listening
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ELEMENT		Comprehension and Collaboration
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ELEMENT/GLE	ELAGSE 6SL1	Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 6 topics, texts, and issues, building on others' ideas and expressing their own clearly.
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EXPECTATION	ELAGSE 6SL1.a	Come to discussions prepared, having read or studied required material; explicitly draw on that preparation by referring to evidence on the topic, text, or issue to probe and reflect on ideas under discussion.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Poster Campaign Staff Presentation
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EXPECTATION	ELAGSE 6SL1.b	Follow rules for collegial discussions, set specific goals and deadlines, and define individual roles as needed.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Poster Campaign Staff Presentation
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EXPECTATION	ELAGSE 6SL1.c	Pose and respond to specific questions with elaboration and detail by making comments that contribute to the topic, text, or issue under discussion.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Poster Campaign Staff Presentation
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**STRAND/TOPIC 23.01100. Language Arts/Grade 6**

STANDARD / DESCRIPTION		Speaking and Listening
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ELEMENT		Presentation of Knowledge and Ideas
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ELEMENT/GLE	ELAGSE 6SL4	Present claims and findings, sequencing ideas logically and using pertinent descriptions, facts, and details to accentuate main ideas or themes; use appropriate eye contact, adequate volume, and clear pronunciation.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Assembly Announcement Staff Presentation
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ELEMENT/GLE	ELAGSE 6SL5	Include multimedia components (e.g., graphics, images, music, sound) and visual displays in presentations to clarify information.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance
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**STRAND/TOPIC 23.01100. Language Arts/Grade 6**

STANDARD / DESCRIPTION		Language
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<b>ELEMENT</b>		<b>Conventions of Standard English</b>
<b>ELEMENT/GLE</b>	<b>ELAGSE 6L1</b>	<b>Demonstrate command of the conventions of Standard English grammar and usage when writing or speaking.</b>
EXPECTATION	ELAGSE 6L1.d	Recognize and correct vague pronouns (i.e., ones with unclear or ambiguous antecedents).  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation

EXPECTATION	ELAGSE 6L1.e	Recognize variations from Standard English in their own and others' writing and speaking, and identify and use strategies to improve expression in conventional language.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.01100. Language Arts/Grade 6**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>
<b>ELEMENT/GLE</b>	<b>ELAGSE 6L4</b>	<b>Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 6 reading and content, choosing flexibly from a range of strategies.</b>
EXPECTATION	ELAGSE 6L4.a	Use context (e.g., the overall meaning of a sentence or paragraph; a word's position or function in a sentence) as a clue to the meaning of a word or phrase.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation

EXPECTATION	ELAGSE 6L4.d	Verify the preliminary determination of the meaning of a word or phrase (e.g., by checking the inferred meaning in context or in a dictionary).  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.01100. Language Arts/Grade 6**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>

ELEMENT/GLE ELAGSE 6L6 Acquire and accurately use grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression.

**Alliance to Save Energy**  
[3-8 Custodial Presentation & Pledge](#)  
[Assembly Announcement](#)  
[Family Presentation](#)  
[Staff Presentation](#)

**Georgia Standards of Excellence**  
**Language Arts**  
 Grade: 7 - Adopted: 2015

**STRAND/TOPIC 23.01200. Language Arts/Grade 7**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Craft and Structure</b>

ELEMENT/GLE ELAGSE7 RL5 Analyze how a drama's or poem's form or structure (e.g., soliloquy, sonnet) contributes to its meaning.

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[3-8 Custodial Presentation & Pledge](#)  
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[Staff Presentation](#)

ELEMENT/GLE ELAGSE 7RL6 Analyze how an author develops and contrasts the points of view of different characters or narrators in a text.

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[6-12 Final Presentation & Peer Performance](#)  
[6-8 Explore Renewables Energy Poster Project](#)  
[Assembly Announcement](#)  
[Carbon Footprint Journal](#)  
[Staff Presentation](#)

**STRAND/TOPIC 23.01200. Language Arts/Grade 7**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Integration of Knowledge and Ideas</b>

ELEMENT/GLE ELAGSE7 RL7 Compare and contrast a written story, drama, or poem to its audio, filmed, staged, or multimedia version, analyzing the effects of techniques unique to each medium (e.g., lighting, sound, color, or camera focus and angles in a film).

**Alliance to Save Energy**  
[6-12 Final Presentation & Peer Performance](#)

**STRAND/TOPIC 23.01200. Language Arts/Grade 7**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Range of Reading and Level of Text Complexity</b>

ELEMENT/GLE	ELAGSE7 RL10	By the end of the year, read and comprehend literature, including stories, dramas, and poems, in the grades 6-8 text complexity band proficiently, with scaffolding as needed at the high end of the range.
		<p><b><u>Alliance to Save Energy</u></b>  3-8 Custodial Presentation &amp; Pledge  Assembly Announcement  Family Presentation  Staff Presentation</p>

**STRAND/TOPIC 23.01200. Language Arts/Grade 7**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Key Ideas and Details</b>

ELEMENT/GLE	ELAGSE7 RI1	Cite several pieces of textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.
		<p><b><u>Alliance to Save Energy</u></b>  3-8 Custodial Presentation &amp; Pledge  Assembly Announcement  Family Presentation  Staff Presentation</p>

ELEMENT/GLE	ELAGSE 7RI3	Analyze the interactions between individuals, events, and ideas in a text (e.g., how ideas influence individuals or events, or how individuals influence ideas or events).
		<p><b><u>Alliance to Save Energy</u></b>  3-8 Custodial Presentation &amp; Pledge  Assembly Announcement  Family Presentation  Staff Presentation</p>

**STRAND/TOPIC 23.01200. Language Arts/Grade 7**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Text Types and Purpose</b>

<b>ELEMENT/GLE</b>	<b>ELAGSE 7W2</b>	<b>Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.</b>
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EXPECTATION	ELAGSE7 W2.a	Introduce a topic clearly, previewing what is to follow; organize ideas, concepts, and information, using strategies such as definition, classification, comparison/contrast, and cause/effect; include formatting (e.g., headings), graphics (e.g., charts, tables), and multimedia when useful to aiding comprehension.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  6-8 Explore Renewables Energy Poster Project  Assembly Announcement  Carbon Footprint Journal  Staff Presentation</p>

EXPECTATION	ELAGSE 7W2.b	Develop the topic with relevant facts, definitions, concrete details, quotations, or other information and examples.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 7W2.c	Use appropriate transitions to create cohesion and clarify the relationships among ideas and concepts.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 7W2.d	Use precise language and domain-specific vocabulary to inform about or explain the topic.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 7W2.f	Provide a concluding statement or section that follows from and supports the information or explanation presented.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation

**STRAND/TOPIC 23.01200. Language Arts/Grade 7**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Production and Distribution of Writing</b>

ELEMENT/GLE	ELAGSE7 W4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Standards 1–3 above.)  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project 6-8 My Future Green Career Assembly Announcement Carbon Footprint Journal Staff Presentation
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ELEMENT/GLE	ELAGSE 7W5	With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grade7.)
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">6-8 Explore Renewables Energy Poster Project</a>  <a href="#">6-8 My Future Green Career</a>            Assembly Announcement            Carbon Footprint Journal            Staff Presentation</p>

**STRAND/TOPIC 23.01200. Language Arts/Grade 7**

STANDARD / DESCRIPTION		Writing
ELEMENT		Research to Build and Present Knowledge
ELEMENT/GLE	ELAGSE7 W7	Conduct short research projects to answer a question, drawing on several sources and generating additional related, focused questions for further research and investigation.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-8 Explore Renewables Energy Poster Project</a>  <a href="#">6-8 My Future Green Career</a></p>

ELEMENT/GLE	ELAGSE 7W8	Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">6-8 Explore Renewables Energy Poster Project</a>  <a href="#">6-8 My Future Green Career</a>            Assembly Announcement            Carbon Footprint Journal            Staff Presentation</p>

**STRAND/TOPIC 23.01200. Language Arts/Grade 7**

STANDARD / DESCRIPTION		Writing
ELEMENT		Research to Build and Present Knowledge
ELEMENT/GLE	ELAGSE 7W9	Draw evidence from literary or informational texts to support analysis, reflection, and research.
EXPECTATION	ELAGSE7 W9.b	Apply grade 7 Reading Standards to literary nonfiction (e.g. “Trace and evaluate the argument and specific claims in a text, assessing whether the reasoning is sound and the evidence is relevant and sufficient to support the claims”).
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">Assembly Announcement</a>  <a href="#">Staff Presentation</a></p>

**STRAND/TOPIC 23.01200. Language Arts/Grade 7**

STANDARD / DESCRIPTION		Writing
ELEMENT		Range of Writing

ELEMENT/GLE	ELAGSE7 W10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  6-8 Explore Renewables Energy Poster Project  Assembly Announcement  Carbon Footprint Journal  Staff Presentation</p>

**STRAND/TOPIC 23.01200. Language Arts/Grade 7**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Comprehension and Collaboration
ELEMENT/GLE	ELAGSE 7SL1	Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 7 topics, texts, and issues, building on others' ideas and expressing their own clearly.

EXPECTATION	ELAGSE7 SL1.a	Come to discussions prepared, having read or researched material under study; explicitly draw on that preparation by referring to evidence on the topic, text, or issue to probe and reflect on ideas under discussion.
		<p><b><u>Alliance to Save Energy</u></b>  3-8 Custodial Presentation &amp; Pledge  6-12 Final Presentation &amp; Peer Performance  6-8 Explore Renewables Energy Poster Project  Assembly Announcement  Poster Campaign  Staff Presentation</p>

EXPECTATION	ELAGSE 7SL1.b	Follow rules for collegial discussions, track progress toward specific goals and deadlines, and define individual roles as needed.
		<p><b><u>Alliance to Save Energy</u></b>  3-8 Custodial Presentation &amp; Pledge  6-12 Final Presentation &amp; Peer Performance  6-8 Explore Renewables Energy Poster Project  Assembly Announcement  Poster Campaign  Staff Presentation</p>

EXPECTATION	ELAGSE 7SL1.c	Pose questions that elicit elaboration and respond to others' questions and comments with relevant observations and ideas that bring the discussion back on topic as needed.
		<p><b><u>Alliance to Save Energy</u></b>  3-8 Custodial Presentation &amp; Pledge  6-12 Final Presentation &amp; Peer Performance  6-8 Explore Renewables Energy Poster Project  Assembly Announcement  Poster Campaign  Staff Presentation</p>

EXPECTATION	ELAGSE 7SL1.d	Acknowledge new information expressed by others and, when warranted, modify their own views and understanding.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Poster Campaign Staff Presentation
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**STRAND/TOPIC 23.01200. Language Arts/Grade 7**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Presentation of Knowledge and Ideas
ELEMENT/GLE	ELAGSE7 SL4	Present claims and findings, emphasizing salient points in a focused, coherent manner with pertinent descriptions, facts, details, and examples; use appropriate eye contact, adequate volume, and clear pronunciation.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Assembly Announcement Staff Presentation

ELEMENT/GLE	ELAGSE 7SL5	Include multimedia components and visual displays in presentations to clarify claims and findings and emphasize salient points.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance
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**STRAND/TOPIC 23.01200. Language Arts/Grade 7**

STANDARD / DESCRIPTION		Language
ELEMENT		Knowledge of Language
ELEMENT/GLE	ELAGSE 7L3	Use knowledge of language and its conventions when writing, speaking, reading, or listening.

EXPECTATION	ELAGSE7 L3.a	Choose language that expresses ideas precisely and concisely, recognizing and eliminating wordiness and redundancy.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.01200. Language Arts/Grade 7**

STANDARD / DESCRIPTION		Language
ELEMENT		Vocabulary Acquisition and Use
ELEMENT/GLE	ELAGSE 7L4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grade 7 reading and content, choosing flexibly from a range of strategies.

EXPECTATION	ELAGSE7 L4.a	Use context (e.g., the overall meaning of a sentence or paragraph; a word's position or function in a sentence) as a clue to the meaning of a word or phrase.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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EXPECTATION	ELAGSE7 L4.d	Verify the preliminary determination of the meaning of a word or phrase (e.g., by checking the inferred meaning in context or in a dictionary).  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.01200. Language Arts/Grade 7**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>

ELEMENT/GLE	ELAGSE7 L6	Acquire and accurately use grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**Georgia Standards of Excellence  
Language Arts  
Grade: 8 - Adopted: 2015**

**STRAND/TOPIC 23.01300. Language Arts/Grade 8**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Key Ideas and Details</b>

ELEMENT/GLE	ELAGSE8 8RI1	Cite the textual evidence that most strongly supports an analysis of what the text says explicitly as well as inferences drawn from the text.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.01300. Language Arts/Grade 8**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Craft and Structure</b>

ELEMENT/GLE	ELAGSE 8RI4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the impact of specific word choices on meaning and tone, including analogies or allusions to other texts.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.01300. Language Arts/Grade 8**

STANDARD / DESCRIPTION		Writing
ELEMENT		Text Types and Purpose
ELEMENT/GLE	ELAGSE 8W2	<b>Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.</b>
EXPECTATION	ELAGSE 8W2.a	Introduce a topic clearly, previewing what is to follow; organize ideas, concepts, and information into broader categories; include formatting (e.g., headings), graphics (e.g., charts, tables), and multimedia when useful to aiding comprehension.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project 6-8 My Future Green Career Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 8W2.b	Develop the topic with relevant, well-chosen facts, definitions, concrete details, quotations, or other information and examples.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project 6-8 My Future Green Career Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 8W2.c	Use appropriate and varied transitions to create cohesion and clarify the relationships among ideas and concepts.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project 6-8 My Future Green Career Assembly Announcement Carbon Footprint Journal Staff Presentation

EXPECTATION ELAGSE 8W2.d Use precise language and domain-specific vocabulary to inform about or explain the topic.

**Alliance to Save Energy**  
6-12 Final Presentation & Peer Performance  
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Staff Presentation

EXPECTATION ELAGSE 8W2.f Provide a concluding statement or section that follows from and supports the information or explanation presented.

**Alliance to Save Energy**  
6-12 Final Presentation & Peer Performance  
6-8 Explore Renewables Energy Poster Project  
Assembly Announcement  
Carbon Footprint Journal  
Staff Presentation

**STRAND/TOPIC 23.01300. Language Arts/Grade 8**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Production and Distribution of Writing</b>

ELEMENT/GLE ELAGSE 8W4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Standards 1–3 above.)

**Alliance to Save Energy**  
3-8 Custodial Presentation & Pledge  
6-12 Final Presentation & Peer Performance  
6-8 Explore Renewables Energy Poster Project  
6-8 My Future Green Career  
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Staff Presentation

ELEMENT/GLE ELAGSE 8W5 With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grade 8.)

**Alliance to Save Energy**  
6-12 Final Presentation & Peer Performance  
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**STRAND/TOPIC 23.01300. Language Arts/Grade 8**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Research to Build and Present Knowledge</b>

ELEMENT/GLE	ELAGSE 8W7	Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration.  <b><u>Alliance to Save Energy</u></b> 6-8 Explore Renewables Energy Poster Project 6-8 My Future Green Career
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ELEMENT/GLE	ELAGSE 8W8	Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project 6-8 My Future Green Career Assembly Announcement Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.01300. Language Arts/Grade 8**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Range of Writing</b>

ELEMENT/GLE	ELAGSE 8W10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.01300. Language Arts/Grade 8**

<b>STANDARD / DESCRIPTION</b>		<b>Speaking and Listening</b>
<b>ELEMENT</b>		<b>Comprehension and Collaboration</b>
<b>ELEMENT/GLE</b>	<b>ELAGSE 8SL1</b>	<b>Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 8 topics and texts, building on others' ideas and expressing their own clearly.</b>

EXPECTATION	ELAGSE 8SL1.a	Come to discussions prepared, having read or researched material under study; explicitly draw on that preparation by referring to evidence on the topic, text, or issue to probe and reflect on ideas under discussion.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Poster Campaign Staff Presentation
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EXPECTATION	ELAGSE 8SL1.b	Follow rules for collegial discussions and decision-making, track progress toward specific goals and deadlines, and define individual roles as needed.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Poster Campaign Staff Presentation
EXPECTATION	ELAGSE 8SL1.c	Pose questions that connect the ideas of several speakers and elicit elaboration and respond to others' questions and comments with relevant evidence, observations, and ideas.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Poster Campaign Staff Presentation
EXPECTATION	ELAGSE 8SL1.d	Acknowledge new information expressed by others, and, when warranted, qualify or justify their own views and understanding in light of the evidence presented.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Poster Campaign Staff Presentation

**STRAND/TOPIC 23.01300. Language Arts/Grade 8**

<b>STANDARD / DESCRIPTION</b>		<b>Speaking and Listening</b>
<b>ELEMENT</b>		<b>Presentation of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE 8SL4	Present claims and findings, emphasizing salient points in a focused, coherent manner with relevant evidence, sound valid reasoning, and well-chosen details; use appropriate eye contact, adequate volume, and clear pronunciation.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Assembly Announcement Staff Presentation
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ELEMENT/GLE	ELAGSE 8SL5	Integrate multimedia and visual displays into presentations to clarify information, strengthen claims and evidence, and add interest.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance
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**STRAND/TOPIC 23.01300. Language Arts/Grade 8**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Conventions of Standard English</b>

<b>ELEMENT/GLE</b>	<b>ELAGSE 8L1</b>	<b>Demonstrate command of the conventions of Standard English grammar and usage when writing or speaking.</b>
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EXPECTATION	ELAGSE 8L1.d	Recognize and correct inappropriate shifts in verb voice and mood.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 6-8 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.01300. Language Arts/Grade 8**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>
<b>ELEMENT/GLE</b>	<b>ELAGSE 8L4</b>	<b>Determine or clarify the meaning of unknown and multiple-meaning words or phrases based on grade 8 reading and content, choosing flexibly from a range of strategies.</b>

EXPECTATION	ELAGSE 8L4.a	Use context (e.g., the overall meaning of a sentence or paragraph; a word's position or function in a sentence) as a clue to the meaning of a word or phrase.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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EXPECTATION	ELAGSE 8L4.d	Verify the preliminary determination of the meaning of a word or phrase (e.g., by checking the inferred meaning in context or in a dictionary).  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.01300. Language Arts/Grade 8**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>

ELEMENT/GLE	ELAGSE 8L6	Acquire and accurately use grade-appropriate general academic and domain-specific words and phrases; gather vocabulary knowledge when considering a word or phrase important to comprehension or expression.  <b><u>Alliance to Save Energy</u></b> 3-8 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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Georgia Standards of Excellence  
Language Arts  
Grade: 9 - Adopted: 2015

**STRAND/TOPIC 23.06100. Ninth Grade Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
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ELEMENT		Range of Reading and Level of Text Complexity
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ELEMENT/GLE      ELAGSE      By the end of grade 9, read and comprehend literature, including stories, dramas, and poems, in the grades 9-10RL10 9-10 text complexity band proficiently, with scaffolding as needed at the high end of the range.

**Alliance to Save Energy**

Assembly Announcement  
Family Presentation  
Staff Presentation

**STRAND/TOPIC 23.06100. Ninth Grade Literature and Composition**

STANDARD / DESCRIPTION		Reading Informational
ELEMENT		Key Ideas and Details

ELEMENT/GLE      ELAGSE      Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as 9-10RI1 inferences drawn from the text.

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Family Presentation  
Staff Presentation

ELEMENT/GLE      ELAGSE      Determine a central idea of a text and analyze its development over the course of the text, including how it 9-10RI2 emerges and is shaped and refined by specific details; provide an objective summary of the text.

**Alliance to Save Energy**

9-12 Custodial Presentation & Pledge  
Assembly Announcement  
Family Presentation  
Staff Presentation

**STRAND/TOPIC 23.06100. Ninth Grade Literature and Composition**

STANDARD / DESCRIPTION		Reading Informational
ELEMENT		Craft and Structure

ELEMENT/GLE      ELAGSE      Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and 9-10RI4 technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).

**Alliance to Save Energy**

9-12 Custodial Presentation & Pledge  
Assembly Announcement  
Family Presentation  
Staff Presentation

**STRAND/TOPIC 23.06100. Ninth Grade Literature and Composition**

STANDARD / DESCRIPTION		Writing
ELEMENT		Text Types and Purpose

ELEMENT/GLE      ELAGSE      Write informative/explanatory texts to examine and convey complex ideas, concepts, and 9-10W2 information clearly and accurately through the effective selection, organization, and analysis of content.

EXPECTATION	ELAGSE 9-10W2.a	<p>Introduce a topic; organize complex ideas, concepts, and information to make important connections and distinctions; include formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Capstone Project  Carbon Footprint Journal  Staff Presentation</p>
EXPECTATION	ELAGSE 9-10W2.b	<p>Develop the topic with well-chosen, relevant, and sufficient facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Carbon Footprint Journal  Staff Presentation</p>
EXPECTATION	ELAGSE 9-10W2.c	<p>Use appropriate and varied transitions to link the major sections of the text, create cohesion, and clarify the relationships among complex ideas and concepts.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Carbon Footprint Journal  Staff Presentation</p>
EXPECTATION	ELAGSE 9-10W2.d	<p>Use precise language and domain-specific vocabulary to manage the complexity of the topic.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Carbon Footprint Journal  Staff Presentation</p>
EXPECTATION	ELAGSE 9-10W2.f	<p>Provide a concluding statement or section that follows from and supports the information or explanation presented (e.g., articulating implications or the significance of the topic).</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Carbon Footprint Journal  Staff Presentation</p>

**STRAND/TOPIC 23.06100. Ninth Grade Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Writing</b>
<b>ELEMENT</b>	<b>Production and Distribution of Writing</b>

ELEMENT/GLE	ELAGSE 9-10W4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Standards 1–3 above.)
		<p><b><u>Alliance to Save Energy</u></b></p> <p>6-12 Final Presentation &amp; Peer Performance</p> <p>9-12 Custodial Presentation &amp; Pledge</p> <p>9-12 Explore Renewables Energy Poster Project</p> <p>9-12 My Future Green Career</p> <p>Assembly Announcement</p> <p>Capstone Project</p> <p>Carbon Footprint Journal</p> <p>Staff Presentation</p>

ELEMENT/GLE	ELAGSE 9-10W5	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grades 9–10.)
		<p><b><u>Alliance to Save Energy</u></b></p> <p>6-12 Final Presentation &amp; Peer Performance</p> <p>9-12 Explore Renewables Energy Poster Project</p> <p>Assembly Announcement</p> <p>Capstone Project</p> <p>Carbon Footprint Journal</p> <p>Staff Presentation</p>

**STRAND/TOPIC 23.06100. Ninth Grade Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Research to Build and Present Knowledge</b>

ELEMENT/GLE	ELAGSE 9-10W7	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.
		<p><b><u>Alliance to Save Energy</u></b></p> <p>9-12 Explore Renewables Energy Poster Project</p> <p>9-12 My Future Green Career</p> <p>Capstone Project</p>

ELEMENT/GLE	ELAGSE 9-10W8	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation.
		<p><b><u>Alliance to Save Energy</u></b></p> <p>9-12 Explore Renewables Energy Poster Project</p> <p>9-12 My Future Green Career</p> <p>Capstone Project</p>

**STRAND/TOPIC 23.06100. Ninth Grade Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Range of Writing</b>

ELEMENT/GLE	ELAGSE 9-10W10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">Assembly Announcement</a>  <a href="#">Capstone Project</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

**STRAND/TOPIC 23.06100. Ninth Grade Literature and Composition**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Comprehension and Collaboration
ELEMENT/GLE	ELAGSE 9-10SL1	Initiate and participate effectively in a range of collaborative discussions(one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others’ ideas and expressing their own clearly and persuasively.

EXPECTATION ELAGSE 9-10SL1.a Come to discussions prepared, having read and researched material under study; explicitly draw on that preparation by referring to evidence from texts and other research on the topic or issue to stimulate a thoughtful, well-reasoned exchange of ideas.

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EXPECTATION ELAGSE 9-10SL1.b Work with peers to set rules for collegial discussions and decision-making (e.g., informal consensus, taking votes on key issues, presentation of alternate views), clear goals and deadlines, and individual roles as needed.

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EXPECTATION ELAGSE 9-10SL1.c Propel conversations by posing and responding to questions that relate the current discussion to broader themes or larger ideas; actively incorporate others into the discussion; and clarify, verify, or challenge ideas and conclusions.

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EXPECTATION	ELAGSE 9-10SL1.d	Respond thoughtfully to diverse perspectives, summarize points of agreement and disagreement, and, when warranted, qualify or justify their own views and understanding and make new connections in light of the evidence and reasoning presented.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Custodial Presentation &amp; Pledge  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Capstone Project  Poster Campaign  Staff Presentation</p>

**STRAND/TOPIC 23.06100. Ninth Grade Literature and Composition**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Presentation of Knowledge and Ideas

ELEMENT/GLE	ELAGSE 9-10SL4	Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Custodial Presentation &amp; Pledge  Assembly Announcement  Capstone Project  Staff Presentation</p>

ELEMENT/GLE	ELAGSE 9-10SL5	Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance understanding of findings, reasoning, and evidence and to add interest.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  Family Presentation</p>

**STRAND/TOPIC 23.06100. Ninth Grade Literature and Composition**

STANDARD / DESCRIPTION		Language
ELEMENT		Knowledge of Language

ELEMENT/GLE	ELAGSE 9-10L3	Apply knowledge of language to understand how language functions in different contexts, to make effective choices for meaning or style, and to comprehend more fully when reading or listening, and to write and to edit so that it conforms to the guidelines in a style manual (e.g., MLA Handbook, APA Handbook, Turabian's Manual for Writers) appropriate for the discipline and writing type.
		<p><b><u>Alliance to Save Energy</u></b>  9-12 Custodial Presentation &amp; Pledge  Assembly Announcement  Family Presentation  Staff Presentation</p>

**STRAND/TOPIC 23.06100. Ninth Grade Literature and Composition**

STANDARD / DESCRIPTION		Language
ELEMENT		Vocabulary Acquisition and Use

<b>ELEMENT/GLE</b>	<b>ELAGSE 9-10L4</b>	<b>Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.</b>
EXPECTATION	ELAGSE 9-10L4.a	Use context (e.g., the overall meaning of a sentence, paragraph, or text; a word’s position or function in a sentence) as a clue to the meaning of a word or phrase.  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
EXPECTATION	ELAGSE 9-10L4.d	Verify the preliminary determination of the meaning of a word or phrase (e.g., by checking the inferred meaning in context or in a dictionary).  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation

**STRAND/TOPIC 23.06100. Ninth Grade Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>
ELEMENT/GLE	ELAGSE 9-10L6	Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Family Presentation Staff Presentation

**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Range of Reading and Level of Text Complexity</b>
ELEMENT/GLE	ELAGSE 9-10RL10	By the end of grade 9, read and comprehend literature, including stories, dramas, and poems, in the grades 9-10 text complexity band proficiently, with scaffolding as needed at the high end of the range.  <b><u>Alliance to Save Energy</u></b> Assembly Announcement Family Presentation Staff Presentation

**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Key Ideas and Details</b>

ELEMENT/GLE	ELAGSE 9-10RI1	Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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ELEMENT/GLE	ELAGSE 9-10RI2	Determine a central idea of a text and analyze its development over the course of the text, including how it emerges and is shaped and refined by specific details; provide an objective summary of the text.  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Craft and Structure</b>

ELEMENT/GLE	ELAGSE 9-10RI4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Text Types and Purpose</b>
<b>ELEMENT/GLE</b>	<b>ELAGSE 9-10W2</b>	<b>Write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.</b>

EXPECTATION	ELAGSE 9-10W2.a	Introduce a topic; organize complex ideas, concepts, and information to make important connections and distinctions; include formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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EXPECTATION	ELAGSE 9-10W2.b	Develop the topic with well-chosen, relevant, and sufficient facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 9-10W2.c	Use appropriate and varied transitions to link the major sections of the text, create cohesion, and clarify the relationships among complex ideas and concepts.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 9-10W2.d	Use precise language and domain-specific vocabulary to manage the complexity of the topic.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 9-10W2.f	Provide a concluding statement or section that follows from and supports the information or explanation presented (e.g., articulating implications or the significance of the topic).  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation

**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Production and Distribution of Writing</b>

ELEMENT/GLE	ELAGSE 9-10W4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Standards 1–3 above.)  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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ELEMENT/GLE	ELAGSE 9-10W5	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grades 9–10.)
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">Assembly Announcement</a>  <a href="#">Capstone Project</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Research to Build and Present Knowledge</b>
ELEMENT/GLE	ELAGSE 9-10W7	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 My Future Green Career</a>  <a href="#">Capstone Project</a></p>

ELEMENT/GLE	ELAGSE 9-10W8	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 My Future Green Career</a>  <a href="#">Capstone Project</a></p>

**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Range of Writing</b>
ELEMENT/GLE	ELAGSE 9-10W10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">Assembly Announcement</a>  <a href="#">Capstone Project</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Speaking and Listening</b>
<b>ELEMENT</b>		<b>Comprehension and Collaboration</b>

<b>ELEMENT/GLE</b>	<b>ELAGSE 9-10SL1</b>	<b>Initiate and participate effectively in a range of collaborative discussions(one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others’ ideas and expressing their own clearly and persuasively.</b>
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EXPECTATION ELAGSE 9-10SL1.a Come to discussions prepared, having read and researched material under study; explicitly draw on that preparation by referring to evidence from texts and other research on the topic or issue to stimulate a thoughtful, well-reasoned exchange of ideas.

- Alliance to Save Energy**  
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EXPECTATION ELAGSE 9-10SL1.b Work with peers to set rules for collegial discussions and decision-making (e.g., informal consensus, taking votes on key issues, presentation of alternate views), clear goals and deadlines, and individual roles as needed.

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EXPECTATION ELAGSE 9-10SL1.c Propel conversations by posing and responding to questions that relate the current discussion to broader themes or larger ideas; actively incorporate others into the discussion; and clarify, verify, or challenge ideas and conclusions.

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EXPECTATION ELAGSE 9-10SL1.d Respond thoughtfully to diverse perspectives, summarize points of agreement and disagreement, and, when warranted, qualify or justify their own views and understanding and make new connections in light of the evidence and reasoning presented.

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**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Speaking and Listening</b>
<b>ELEMENT</b>	<b>Presentation of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE 9-10SL4	Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge Assembly Announcement Capstone Project Staff Presentation
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ELEMENT/GLE	ELAGSE 9-10SL5	Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance understanding of findings, reasoning, and evidence and to add interest.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Family Presentation
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**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Knowledge of Language</b>

ELEMENT/GLE	ELAGSE 9-10L3	Apply knowledge of language to understand how language functions in different contexts, to make effective choices for meaning or style, and to comprehend more fully when reading or listening, and to write and to edit so that it conforms to the guidelines in a style manual (e.g., MLA Handbook, APA Handbook, Turabian's Manual for Writers) appropriate for the discipline and writing type.  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>

<b>ELEMENT/GLE</b>	<b>ELAGSE 9-10L4</b>	<b>Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.</b>
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EXPECTATION	ELAGSE 9-10L4.a	Use context (e.g., the overall meaning of a sentence, paragraph, or text; a word's position or function in a sentence) as a clue to the meaning of a word or phrase.  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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EXPECTATION	ELAGSE 9-10L4.d	Verify the preliminary determination of the meaning of a word or phrase (e.g., by checking the inferred meaning in context or in a dictionary).  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.06300. World Literature and Composition**

STANDARD / DESCRIPTION		Language
ELEMENT		Vocabulary Acquisition and Use

ELEMENT/GLE      ELAGSE      Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.

- Alliance to Save Energy**  
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 9-12 Custodial Presentation & Pledge  
 9-12 Explore Renewables Energy Poster Project  
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 Family Presentation  
 Staff Presentation

Grade: 9 - Adopted: 2018

**STRAND/TOPIC 52.09200. Dramatic Writing (Film, Television, and Theatre I)**

STANDARD / DESCRIPTION		Creating (CR)
ELEMENT	TAHSTL .CR.2	Develop scripts through theatrical techniques.

ELEMENT/GLE      TAHSTL.      Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.

- Alliance to Save Energy**  
 6-12 Final Presentation & Peer Performance  
 9-12 Custodial Presentation & Pledge  
 Assembly Announcement  
 Capstone Project  
 Staff Presentation

**STRAND/TOPIC 52.09200. Dramatic Writing (Film, Television, and Theatre I)**

STANDARD / DESCRIPTION		Creating (CR)
ELEMENT	TAHSTL .CR.3	Produce clear and concise writing that includes the conventions of standard English grammar and usage.

ELEMENT/GLE      TAHSTL.      Develop original texts using theatre techniques (e.g. improvisation, adapting non-theatre literature, playwriting exercises).

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ELEMENT/GLE	TAHSTL. CR.3.e	Develop the topic with well-chosen, relevant, and sufficient facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.
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ELEMENT/GLE	TAHSTL. CR.3.k	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Custodial Presentation &amp; Pledge  9-12 Explore Renewables Energy Poster Project  9-12 My Future Green Career  Assembly Announcement  Capstone Project  Carbon Footprint Journal  Staff Presentation</p>

ELEMENT/GLE	TAHSTL. CR.3.l	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.
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**STRAND/TOPIC 52.09200. Dramatic Writing (Film, Television, and Theatre I)**

STANDARD / DESCRIPTION		Responding (RE)
ELEMENT	TAHSTL .RE.1	Evaluate various aspects of dramatic arts literature using appropriate supporting evidence.

ELEMENT/GLE	TAHSTL. RE.1.a	Compare and summarize theatre literature from various historical periods, cultures, and styles.
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ELEMENT/GLE	TAHSTL. RE.1.f	Analyze a particular point of view or cultural experience reflected in a work of literature from outside the United States, drawing on a wide reading of world literature.
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**STRAND/TOPIC 52.09200. Dramatic Writing (Film, Television, and Theatre I)**

STANDARD / DESCRIPTION		Connecting (CN)
ELEMENT	TAHSTL .CN.1	Connect film, television, and theatre literature to its dramaturgical contexts and other disciplines.

ELEMENT/GLE TAHSTL. Identify the elements, influences, and contributions of other art forms and content areas to theatre literature.  
CN.1.d

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ELEMENT/GLE TAHSTL. Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.  
CN.1.e

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ELEMENT/GLE TAHSTL. Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source, answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoid plagiarism and follow a standard format for citation.  
CN.1.f

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ELEMENT/GLE TAHSTL. Draw evidence from a variety of literary or informational texts of varying lengths and complexity to support analysis, reflection, and research.  
CN.1.g

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ELEMENT/GLE TAHSTL. Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences.  
CN.1.h

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**STRAND/TOPIC 23.03200. Journalism I**

STANDARD / DESCRIPTION	ELAGSE J.LE6	Develop a level of Information Literacy.
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ELEMENT ELAGSE Confidently identify reliable sources across different mediums.  
J.LE6.a

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ELEMENT	ELAGSE J.LE6.c	Explore the relationship of content to audience, purpose, medium.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.03200. Journalism I**

STANDARD / DESCRIPTION	ELAGSE J.LE7	Gain and utilize a clear understanding of current technological aspects of digital resources including social media.
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ELEMENT	ELAGSE J.LE7.a	Understand how and when to use social media as a source including verification and obtaining permission.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Capstone Project
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ELEMENT	ELAGSE J.LE7.b	Recognize how your own use of social media affects your credibility as a journalist.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Capstone Project
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ELEMENT	ELAGSE J.LE7.c	Make a clear connection of the conflict between timeliness (being first) and accuracy (being correct).  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Capstone Project
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**STRAND/TOPIC 23.03300. Journalism II**

STANDARD / DESCRIPTION	ELAGSE J.RW1	Recognize or make decisions for publication content through news analysis, surveys, research reports, statistical data, and/or audience feedback.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
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**STRAND/TOPIC 23.03300. Journalism II**

STANDARD / DESCRIPTION	ELAGSE J.RW2	Produce content that meets professional and community standards (as defined by Hazelwood vs. Kuhlmeier 1988). All content will include:
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ELEMENT	ELAGSE J.RW2.c	Clear and concise writing.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
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ELEMENT	ELAGSE J.RW2.d	Unbiased/unprejudiced information and materials.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">Capstone Project</a>
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ELEMENT	ELAGSE J.RW2.f	Suitability for the audience and alignment with the community standards.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">6-12 Final Presentation &amp; Peer Performance</a> <a href="#">9-12 Explore Renewables Energy Poster Project</a> <a href="#">Assembly Announcement</a> <a href="#">Capstone Project</a> <a href="#">Carbon Footprint Journal</a> <a href="#">Staff Presentation</a>
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**STRAND/TOPIC 23.03300. Journalism II**

STANDARD / DESCRIPTION	ELAGSE J.RW3	Identify and utilize print and nonprint information sources appropriate for given journalistic purposes.
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ELEMENT	ELAGSE J.RW3.a	Synthesize information and ideas from multiple sources.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Explore Renewables Energy Poster Project</a> <a href="#">9-12 My Future Green Career</a> <a href="#">Capstone Project</a>
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ELEMENT	ELAGSE J.RW3.b	Apply criteria (e.g. bias, authoritativeness) for evaluating and selecting information sources.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">Capstone Project</a>
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ELEMENT	ELAGSE J.RW3.c	Appropriately attribute credit to all referenced sources.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">Capstone Project</a>
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ELEMENT	ELAGSE J.RW3.e	Explore the appropriate use of unnamed sources.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">Capstone Project</a>
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**STRAND/TOPIC 23.03300. Journalism II**

STANDARD / DESCRIPTION	ELAGSE J.RW4	Develop and employ effective interview skills and practices.
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ELEMENT	ELAGSE J.RW4.a	Research background information for subject and source.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">Capstone Project</a>
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**STRAND/TOPIC 23.03300. Journalism II**

STANDARD / DESCRIPTION	ELAGSE J.RW5	Exhibit knowledge of the structure of journalistic writing.
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ELEMENT	ELAGSE J.RW5.a	Follow the stages of writing and editing as they apply to the production process.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.03600. Journalism IV**

STANDARD / DESCRIPTION	ELAGSE J.PMO1	Devise and carry out long-term and short-term plans and deadlines.
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ELEMENT	ELAGSE J.PMO1.b	Track progress toward deadlines, making adjustments as necessary.  <b><u>Alliance to Save Energy</u></b> Capstone Project
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ELEMENT	ELAGSE J.PMO1.c	Demonstrate an understanding of the importance of developing a project from concept through completion.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge Assembly Announcement Capstone Project
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ELEMENT	ELAGSE J.PMO1.d	Plan and model time management skills at both the individual and team levels.  <b><u>Alliance to Save Energy</u></b> Capstone Project
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ELEMENT	ELAGSE J.PMO1.e	Synthesize information from school calendars, publication staff strengths and weaknesses, and publication needs to structure class assignments.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
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**Georgia Standards of Excellence**

**Language Arts**

Grade: 10 - Adopted: 2015

**STRAND/TOPIC 23.06200. Tenth Grade Literature and Composition**

STANDARD / DESCRIPTION		Reading Literary
ELEMENT		Range of Reading and Level of Text Complexity

ELEMENT/GLE	ELAGSE 9-10RL10	By the end of grade 10, read and comprehend literature, including stories, dramas, and poems, in the grades 9-10 text complexity band proficiently, with scaffolding as needed at the high end of the range.  <b><u>Alliance to Save Energy</u></b> Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.06200. Tenth Grade Literature and Composition**

STANDARD / DESCRIPTION		Reading Informational
ELEMENT		Key Ideas and Details
ELEMENT/GLE	ELAGSE 9-10RI1	Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.  <b>Alliance to Save Energy</b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation

ELEMENT/GLE	ELAGSE 9-10RI2	Determine a central idea of a text and analyze its development over the course of the text, including how it emerges and is shaped and refined by specific details; provide an objective summary of the text.  <b>Alliance to Save Energy</b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.06200. Tenth Grade Literature and Composition**

STANDARD / DESCRIPTION		Reading Informational
ELEMENT		Craft and Structure
ELEMENT/GLE	ELAGSE 9-10RI4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).  <b>Alliance to Save Energy</b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation

**STRAND/TOPIC 23.06200. Tenth Grade Literature and Composition**

STANDARD / DESCRIPTION		Writing
ELEMENT		Text Types and Purpose
ELEMENT/GLE	ELAGSE 9-10W2	Write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.

EXPECTATION	ELAGSE 9-10W2.a	Introduce a topic; organize complex ideas, concepts, and information to make important connections and distinctions; include formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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EXPECTATION	ELAGSE 9-10W2.b	Develop the topic with well-chosen, relevant, and sufficient facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 9-10W2.c	Use appropriate and varied transitions to link the major sections of the text, create cohesion, and clarify the relationships among complex ideas and concepts.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 9-10W2.d	Use precise language and domain-specific vocabulary to manage the complexity of the topic.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 9-10W2.f	Provide a concluding statement or section that follows from and supports the information or explanation presented (e.g., articulating implications or the significance of the topic).  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation

**STRAND/TOPIC 23.06200. Tenth Grade Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Production and Distribution of Writing</b>

ELEMENT/GLE	ELAGSE 9-10W4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Standards 1–3 above.)  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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ELEMENT/GLE	ELAGSE 9-10W5	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grades 9–10.)
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Capstone Project  Carbon Footprint Journal  Staff Presentation</p>

**STRAND/TOPIC 23.06200. Tenth Grade Literature and Composition**

STANDARD / DESCRIPTION		Writing
ELEMENT		Research to Build and Present Knowledge

ELEMENT/GLE	ELAGSE 9-10W7	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.
		<p><b><u>Alliance to Save Energy</u></b>  9-12 Explore Renewables Energy Poster Project  9-12 My Future Green Career  Capstone Project</p>

ELEMENT/GLE	ELAGSE 9-10W8	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation.
		<p><b><u>Alliance to Save Energy</u></b>  9-12 Explore Renewables Energy Poster Project  9-12 My Future Green Career  Capstone Project</p>

**STRAND/TOPIC 23.06200. Tenth Grade Literature and Composition**

STANDARD / DESCRIPTION		Writing
ELEMENT		Range of Writing

ELEMENT/GLE	ELAGSE 9-10W10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Capstone Project  Carbon Footprint Journal  Staff Presentation</p>

**STRAND/TOPIC 23.06200. Tenth Grade Literature and Composition**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Comprehension and Collaboration

<b>ELEMENT/GLE</b>	<b>ELAGSE 9-10SL1</b>	<b>Initiate and participate effectively in a range of collaborative discussions(one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others’ ideas and expressing their own clearly and persuasively.</b>
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EXPECTATION ELAGSE 9-10SL1.a Come to discussions prepared, having read and researched material under study; explicitly draw on that preparation by referring to evidence from texts and other research on the topic or issue to stimulate a thoughtful, well-reasoned exchange of ideas.

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EXPECTATION ELAGSE 9-10SL1.b Work with peers to set rules for collegial discussions and decision-making (e.g., informal consensus, taking votes on key issues, presentation of alternate views), clear goals and deadlines, and individual roles as needed.

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EXPECTATION ELAGSE 9-10SL1.c Propel conversations by posing and responding to questions that relate the current discussion to broader themes or larger ideas; actively incorporate others into the discussion; and clarify, verify, or challenge ideas and conclusions.

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EXPECTATION ELAGSE 9-10SL1.d Respond thoughtfully to diverse perspectives, summarize points of agreement and disagreement, and, when warranted, qualify or justify their own views and understanding and make new connections in light of the evidence and reasoning presented.

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**STRAND/TOPIC 23.06200. Tenth Grade Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Speaking and Listening</b>
<b>ELEMENT</b>		<b>Presentation of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE 9-10SL4	Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge Assembly Announcement Capstone Project Staff Presentation
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ELEMENT/GLE	ELAGSE 9-10SL5	Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance understanding of findings, reasoning, and evidence and to add interest.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Family Presentation
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**STRAND/TOPIC 23.06200. Tenth Grade Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Knowledge of Language</b>

ELEMENT/GLE	ELAGSE 9-10L3	Apply knowledge of language to understand how language functions in different contexts, to make effective choices for meaning or style, and to comprehend more fully when reading or listening, and to write and to edit so that it conforms to the guidelines in a style manual (e.g., MLA Handbook, APA Handbook, Turabian's Manual for Writers) appropriate for the discipline and writing type.  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.06200. Tenth Grade Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>

<b>ELEMENT/GLE</b>	<b>ELAGSE 9-10L4</b>	<b>Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.</b>
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EXPECTATION	ELAGSE 9-10L4.a	Use context (e.g., the overall meaning of a sentence, paragraph, or text; a word's position or function in a sentence) as a clue to the meaning of a word or phrase.  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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EXPECTATION	ELAGSE 9-10L4.d	Verify the preliminary determination of the meaning of a word or phrase (e.g., by checking the inferred meaning in context or in a dictionary).  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.06200. Tenth Grade Literature and Composition**

STANDARD / DESCRIPTION		Language
ELEMENT		Vocabulary Acquisition and Use

ELEMENT/GLE      ELAGSE      Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.

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**STRAND/TOPIC 23.06300. World Literature and Composition**

STANDARD / DESCRIPTION		Reading Literary
ELEMENT		Range of Reading and Level of Text Complexity

ELEMENT/GLE      ELAGSE      By the end of grade 9, read and comprehend literature, including stories, dramas, and poems, in the grades 9-10RL10 text complexity band proficiently, with scaffolding as needed at the high end of the range.

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**STRAND/TOPIC 23.06300. World Literature and Composition**

STANDARD / DESCRIPTION		Reading Informational
ELEMENT		Key Ideas and Details

ELEMENT/GLE      ELAGSE      Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text.

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ELEMENT/GLE      ELAGSE      Determine a central idea of a text and analyze its development over the course of the text, including how it emerges and is shaped and refined by specific details; provide an objective summary of the text.

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**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Craft and Structure</b>

ELEMENT/GLE      ELAGSE      Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the cumulative impact of specific word choices on meaning and tone (e.g., how the language of a court opinion differs from that of a newspaper).

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**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Text Types and Purpose</b>

ELEMENT/GLE      ELAGSE      **Write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.**

EXPECTATION      ELAGSE      Introduce a topic; organize complex ideas, concepts, and information to make important connections and distinctions; include formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.

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EXPECTATION      ELAGSE      Develop the topic with well-chosen, relevant, and sufficient facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.

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EXPECTATION      ELAGSE      Use appropriate and varied transitions to link the major sections of the text, create cohesion, and clarify the relationships among complex ideas and concepts.

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EXPECTATION	ELAGSE 9-10W2.d	Use precise language and domain-specific vocabulary to manage the complexity of the topic.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
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EXPECTATION	ELAGSE 9-10W2.f	Provide a concluding statement or section that follows from and supports the information or explanation presented (e.g., articulating implications or the significance of the topic).  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Production and Distribution of Writing</b>

ELEMENT/GLE	ELAGSE 9-10W4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Standards 1–3 above.)  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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ELEMENT/GLE	ELAGSE 9-10W5	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grades 9–10.)  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Research to Build and Present Knowledge</b>

ELEMENT/GLE	ELAGSE 9-10W7	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
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ELEMENT/GLE	ELAGSE 9-10W8	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source in answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and following a standard format for citation.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
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**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Range of Writing</b>

ELEMENT/GLE	ELAGSE 9-10W10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Speaking and Listening</b>
<b>ELEMENT</b>		<b>Comprehension and Collaboration</b>

<b>ELEMENT/GLE</b>	<b>ELAGSE 9-10SL1</b>	<b>Initiate and participate effectively in a range of collaborative discussions(one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others’ ideas and expressing their own clearly and persuasively.</b>
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EXPECTATION	ELAGSE 9-10SL1.a	Come to discussions prepared, having read and researched material under study; explicitly draw on that preparation by referring to evidence from texts and other research on the topic or issue to stimulate a thoughtful, well-reasoned exchange of ideas.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Poster Campaign Staff Presentation
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EXPECTATION	ELAGSE 9-10SL1.b	Work with peers to set rules for collegial discussions and decision-making (e.g., informal consensus, taking votes on key issues, presentation of alternate views), clear goals and deadlines, and individual roles as needed.  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Capstone Project Staff Presentation
EXPECTATION	ELAGSE 9-10SL1.c	Propel conversations by posing and responding to questions that relate the current discussion to broader themes or larger ideas; actively incorporate others into the discussion; and clarify, verify, or challenge ideas and conclusions.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Poster Campaign Staff Presentation
EXPECTATION	ELAGSE 9-10SL1.d	Respond thoughtfully to diverse perspectives, summarize points of agreement and disagreement, and, when warranted, qualify or justify their own views and understanding and make new connections in light of the evidence and reasoning presented.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Poster Campaign Staff Presentation

**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Speaking and Listening</b>
<b>ELEMENT</b>		<b>Presentation of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE 9-10SL4	Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge Assembly Announcement Capstone Project Staff Presentation
ELEMENT/GLE	ELAGSE 9-10SL5	Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance understanding of findings, reasoning, and evidence and to add interest.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Family Presentation

**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Knowledge of Language</b>

ELEMENT/GLE      ELAGSE      Apply knowledge of language to understand how language functions in different contexts, to make effective choices for meaning or style, and to comprehend more fully when reading or listening, and to write and to edit so that it conforms to the guidelines in a style manual (e.g., MLA Handbook, APA Handbook, Turabian's Manual for Writers) appropriate for the discipline and writing type.

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 9-12 Custodial Presentation & Pledge  
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 Family Presentation  
 Staff Presentation

**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>
<b>ELEMENT/GLE</b>	<b>ELAGSE 9-10L4</b>	<b>Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 9–10 reading and content, choosing flexibly from a range of strategies.</b>

EXPECTATION      ELAGSE      Use context (e.g., the overall meaning of a sentence, paragraph, or text; a word's position or function in a sentence) as a clue to the meaning of a word or phrase.

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EXPECTATION      ELAGSE      Verify the preliminary determination of the meaning of a word or phrase (e.g., by checking the inferred meaning in context or in a dictionary).

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 Family Presentation  
 Staff Presentation

**STRAND/TOPIC 23.06300. World Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>

ELEMENT/GLE      ELAGSE      Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.

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 Assembly Announcement  
 Carbon Footprint Journal  
 Family Presentation  
 Staff Presentation

**STRAND/TOPIC 52.09200. Dramatic Writing (Film, Television, and Theatre I)**

STANDARD / DESCRIPTION		Creating (CR)
ELEMENT	TAHSTL .CR.2	Develop scripts through theatrical techniques.

ELEMENT/GLE TAHSTL. Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.

**Alliance to Save Energy**

- 6-12 Final Presentation & Peer Performance
- 9-12 Custodial Presentation & Pledge
- Assembly Announcement
- Capstone Project
- Staff Presentation

**STRAND/TOPIC 52.09200. Dramatic Writing (Film, Television, and Theatre I)**

STANDARD / DESCRIPTION		Creating (CR)
ELEMENT	TAHSTL .CR.3	Produce clear and concise writing that includes the conventions of standard English grammar and usage.

ELEMENT/GLE TAHSTL. Develop original texts using theatre techniques (e.g. improvisation, adapting non-theatre literature, playwriting exercises).

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ELEMENT/GLE TAHSTL. Develop the topic with well-chosen, relevant, and sufficient facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.

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- 9-12 Explore Renewables Energy Poster Project
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ELEMENT/GLE TAHSTL. Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.

**Alliance to Save Energy**

- 6-12 Final Presentation & Peer Performance
- 9-12 Custodial Presentation & Pledge
- 9-12 Explore Renewables Energy Poster Project
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- Capstone Project
- Carbon Footprint Journal
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ELEMENT/GLE TAHSTL. CR.3.1 Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.

- Alliance to Save Energy**  
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 Staff Presentation

**STRAND/TOPIC 52.09200. Dramatic Writing (Film, Television, and Theatre I)**

STANDARD / DESCRIPTION		Responding (RE)
ELEMENT	TAHSTL .RE.1	Evaluate various aspects of dramatic arts literature using appropriate supporting evidence.

ELEMENT/GLE TAHSTL. RE.1.a Compare and summarize theatre literature from various historical periods, cultures, and styles.

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ELEMENT/GLE TAHSTL. RE.1.f Analyze a particular point of view or cultural experience reflected in a work of literature from outside the United States, drawing on a wide reading of world literature.

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 Staff Presentation

**STRAND/TOPIC 52.09200. Dramatic Writing (Film, Television, and Theatre I)**

STANDARD / DESCRIPTION		Connecting (CN)
ELEMENT	TAHSTL .CN.1	Connect film, television, and theatre literature to its dramaturgical contexts and other disciplines.

ELEMENT/GLE TAHSTL. CN.1.d Identify the elements, influences, and contributions of other art forms and content areas to theatre literature.

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ELEMENT/GLE TAHSTL. CN.1.e Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.

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 Capstone Project

ELEMENT/GLE	TAHSTL. CN.1.f	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source, answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoid plagiarism and follow a standard format for citation.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
ELEMENT/GLE	TAHSTL. CN.1.g	Draw evidence from a variety of literary or informational texts of varying lengths and complexity to support analysis, reflection, and research.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
ELEMENT/GLE	TAHSTL. CN.1.h	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation

**STRAND/TOPIC 23.03200. Journalism I**

STANDARD / DESCRIPTION	ELAGSE J.LE6	Develop a level of Information Literacy.
ELEMENT	ELAGSE J.LE6.a	Confidently identify reliable sources across different mediums.  <b><u>Alliance to Save Energy</u></b> Capstone Project
ELEMENT	ELAGSE J.LE6.c	Explore the relationship of content to audience, purpose, medium.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation

**STRAND/TOPIC 23.03200. Journalism I**

STANDARD / DESCRIPTION	ELAGSE J.LE7	Gain and utilize a clear understanding of current technological aspects of digital resources including social media.
ELEMENT	ELAGSE J.LE7.a	Understand how and when to use social media as a source including verification and obtaining permission.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Capstone Project

ELEMENT	ELAGSE J.LE7.b	Recognize how your own use of social media affects your credibility as a journalist.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Capstone Project
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ELEMENT	ELAGSE J.LE7.c	Make a clear connection of the conflict between timeliness (being first) and accuracy (being correct).  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Capstone Project
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**STRAND/TOPIC 23.03300. Journalism II**

STANDARD / DESCRIPTION	ELAGSE J.RW1	Recognize or make decisions for publication content through news analysis, surveys, research reports, statistical data, and/or audience feedback.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
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**STRAND/TOPIC 23.03300. Journalism II**

<b>STANDARD / DESCRIPTION</b>	<b>ELAGSE J.RW2</b>	<b>Produce content that meets professional and community standards (as defined by Hazelwood vs. Kuhlmeier 1988). All content will include:</b>
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ELEMENT	ELAGSE J.RW2.c	Clear and concise writing.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
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ELEMENT	ELAGSE J.RW2.d	Unbiased/unprejudiced information and materials.  <b><u>Alliance to Save Energy</u></b> Capstone Project
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ELEMENT	ELAGSE J.RW2.f	Suitability for the audience and alignment with the community standards.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.03300. Journalism II**

<b>STANDARD / DESCRIPTION</b>	<b>ELAGSE J.RW3</b>	<b>Identify and utilize print and nonprint information sources appropriate for given journalistic purposes.</b>
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ELEMENT	ELAGSE J.RW3.a	Synthesize information and ideas from multiple sources.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
ELEMENT	ELAGSE J.RW3.b	Apply criteria (e.g. bias, authoritativeness) for evaluating and selecting information sources.  <b><u>Alliance to Save Energy</u></b> Capstone Project
ELEMENT	ELAGSE J.RW3.c	Appropriately attribute credit to all referenced sources.  <b><u>Alliance to Save Energy</u></b> Capstone Project
ELEMENT	ELAGSE J.RW3.e	Explore the appropriate use of unnamed sources.  <b><u>Alliance to Save Energy</u></b> Capstone Project

#### STRAND/TOPIC 23.03300. Journalism II

<b>STANDARD / DESCRIPTION</b>	<b>ELAGSE J.RW4</b>	<b>Develop and employ effective interview skills and practices.</b>
ELEMENT	ELAGSE J.RW4.a	Research background information for subject and source.  <b><u>Alliance to Save Energy</u></b> Capstone Project

#### STRAND/TOPIC 23.03300. Journalism II

<b>STANDARD / DESCRIPTION</b>	<b>ELAGSE J.RW5</b>	<b>Exhibit knowledge of the structure of journalistic writing.</b>
ELEMENT	ELAGSE J.RW5.a	Follow the stages of writing and editing as they apply to the production process.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation

#### STRAND/TOPIC 23.03600. Journalism IV

<b>STANDARD / DESCRIPTION</b>	<b>ELAGSE J.PMO1</b>	<b>Devise and carry out long-term and short-term plans and deadlines.</b>
ELEMENT	ELAGSE J.PMO1.b	Track progress toward deadlines, making adjustments as necessary.  <b><u>Alliance to Save Energy</u></b> Capstone Project

ELEMENT	ELAGSE J.PMO1.c	Demonstrate an understanding of the importance of developing a project from concept through completion.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge Assembly Announcement Capstone Project
ELEMENT	ELAGSE J.PMO1.d	Plan and model time management skills at both the individual and team levels.  <b><u>Alliance to Save Energy</u></b> Capstone Project
ELEMENT	ELAGSE J.PMO1.e	Synthesize information from school calendars, publication staff strengths and weaknesses, and publication needs to structure class assignments.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project

**Georgia Standards of Excellence**  
**Language Arts**  
Grade: **11** - Adopted: **2015**

**STRAND/TOPIC 23.03400. Advanced Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Range of Reading and Level of Text Complexity</b>

ELEMENT/GLE ELAGSE1 By the end of grade 11, read and comprehend literature, including stories, dramas, and poems, in the grades  
1-12RL10 11-CCR text complexity band proficiently, with scaffolding as needed at the high end of the range.

**Alliance to Save Energy**  
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**STRAND/TOPIC 23.03400. Advanced Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Key Ideas and Details</b>

ELEMENT/GLE ELAGSE1 Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as  
1-12RI1 inferences drawn from the text, including determining where the text leaves matters uncertain.

**Alliance to Save Energy**  
9-12 Custodial Presentation & Pledge  
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ELEMENT/GLE	ELAGSE 11-12RI2	Determine two or more central ideas of a text and analyze their development over the course of the text, including how they interact and build on one another to provide a complex analysis; provide an objective summary of the text.  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.03400. Advanced Composition**

STANDARD / DESCRIPTION		Reading Informational
ELEMENT		Craft and Structure

ELEMENT/GLE	ELAGSE1 1-12RI4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze how an author uses and refines the meaning of a key term or terms over the course of a text (e.g., how Madison defines faction in Federalist No. 10).  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.03400. Advanced Composition**

STANDARD / DESCRIPTION		Reading Informational
ELEMENT		Integration of Knowledge and Ideas

ELEMENT/GLE	ELAGSE1 1-12RI7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
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**STRAND/TOPIC 23.03400. Advanced Composition**

STANDARD / DESCRIPTION		Writing
ELEMENT		Text Types and Purpose
ELEMENT/GLE	ELAGSE 11-12W2	Write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.

EXPECTATION	ELAGSE1 1-12W2.a	Introduce a topic; organize complex ideas, concepts, and information so that each new element builds on that which precedes it to create a unified whole; include formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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EXPECTATION	ELAGSE 11- 12W2.b	Develop the topic thoroughly by selecting the most significant and relevant facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 11- 12W2.c	Use appropriate and varied transitions and syntax to link the major sections of the text, create cohesion, and clarify the relationships among complex ideas and concepts.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 11- 12W2.d	Use precise language, domain-specific vocabulary, and techniques such as metaphor, simile, and analogy to manage the complexity of the topic.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 11-12W2.f	Provide a concluding statement or section that follows from and supports the information or explanation presented (e.g., articulating implications or the significance of the topic).  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation

**STRAND/TOPIC 23.03400. Advanced Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Production and Distribution of Writing</b>

ELEMENT/GLE	ELAGSE1 1-12W4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Standards 1–3 above.)  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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ELEMENT/GLE	ELAGSE 11-12W5	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grades 11-12.)
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Capstone Project  Carbon Footprint Journal  Staff Presentation</p>

**STRAND/TOPIC 23.03400. Advanced Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Research to Build and Present Knowledge</b>
ELEMENT/GLE	ELAGSE1 1-12W7	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.
		<p><b><u>Alliance to Save Energy</u></b>  9-12 Explore Renewables Energy Poster Project  9-12 My Future Green Career  Capstone Project</p>

ELEMENT/GLE	ELAGSE 11-12W8	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation.
		<p><b><u>Alliance to Save Energy</u></b>  9-12 Explore Renewables Energy Poster Project  9-12 My Future Green Career  Capstone Project</p>

**STRAND/TOPIC 23.03400. Advanced Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Range of Writing</b>
ELEMENT/GLE	ELAGSE1 1-12W10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Capstone Project  Carbon Footprint Journal  Staff Presentation</p>

**STRAND/TOPIC 23.03400. Advanced Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Speaking and Listening</b>
<b>ELEMENT</b>		<b>Comprehension and Collaboration</b>

<b>ELEMENT/GLE</b>	<b>ELAGSE 11-12SL1</b>	<b>Initiate and participate effectively in a range of collaborative discussions(one-on-one, in groups, and teacher-led) with diverse partners on grades 11-12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.</b>
EXPECTATION	ELAGSE1 1-12SL1.a	Come to discussions prepared, having read and researched material under study; explicitly draw on that preparation by referring to evidence from texts and other research on the topic or issue to stimulate a thoughtful, well-reasoned exchange of ideas.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Poster Campaign Staff Presentation
EXPECTATION	ELAGSE 11-12SL1.b	Work with peers to set rules for collegial discussions and decision-making, set clear goals and deadlines, and establish individual roles as needed.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Poster Campaign Staff Presentation
EXPECTATION	ELAGSE 11-12SL1.c	Propel conversations by posing and responding to questions that probe reasoning and evidence; ensure a hearing for a full range of positions on a topic or issue; clarify, verify, or challenge ideas and conclusions; and promote divergent and creative perspectives.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Poster Campaign Staff Presentation

**STRAND/TOPIC 23.03400. Advanced Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Speaking and Listening</b>
<b>ELEMENT</b>	<b>Presentation of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE1 1-12SL4	Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range or formal and informal tasks.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge Assembly Announcement Capstone Project Staff Presentation
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ELEMENT/GLE	ELAGSE 11-12SL5	Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance understanding of findings, reasoning, and evidence and to add interest.
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**Alliance to Save Energy**  
 6-12 Final Presentation & Peer Performance  
 Family Presentation

**STRAND/TOPIC 23.03400. Advanced Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>
<b>ELEMENT/GLE</b>	<b>ELAGSE 11-12L4</b>	<b>Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 11-12 reading and content, choosing flexibly from a range of strategies.</b>

EXPECTATION	ELAGSE1 1-12L4.a	Use context (e.g., the overall meaning of a sentence, paragraph, or text; a word's position or function in a sentence) as a clue to the meaning of a word or phrase.
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**Alliance to Save Energy**  
 9-12 Custodial Presentation & Pledge  
 Assembly Announcement  
 Family Presentation  
 Staff Presentation

EXPECTATION	ELAGSE 11-12L4.d	Verify the preliminary determination of the meaning of a word or phrase (e.g., by checking the inferred meaning in context or in a dictionary).
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**Alliance to Save Energy**  
 9-12 Custodial Presentation & Pledge  
 Assembly Announcement  
 Family Presentation  
 Staff Presentation

**STRAND/TOPIC 23.03400. Advanced Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>

ELEMENT/GLE	ELAGSE1 1-12L6	Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.
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**Alliance to Save Energy**  
 6-12 Final Presentation & Peer Performance  
 9-12 Custodial Presentation & Pledge  
 9-12 Explore Renewables Energy Poster Project  
 Assembly Announcement  
 Carbon Footprint Journal  
 Family Presentation  
 Staff Presentation

**STRAND/TOPIC 23.05100. American Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Range of Reading and Level of Text Complexity</b>

ELEMENT/GLE ELAGSE1 By the end of grade 11, read and comprehend literature, including stories, dramas, and poems, in the grades 1-12RL10 11-CCR text complexity band proficiently, with scaffolding as needed at the high end of the range.

**Alliance to Save Energy**  
Assembly Announcement  
Family Presentation  
Staff Presentation

**STRAND/TOPIC 23.05100. American Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Reading Informational</b>
<b>ELEMENT</b>	<b>Key Ideas and Details</b>

ELEMENT/GLE ELAGSE1 Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text, including determining where the text leaves matters uncertain. 1-12RI1

**Alliance to Save Energy**  
9-12 Custodial Presentation & Pledge  
Assembly Announcement  
Family Presentation  
Staff Presentation

ELEMENT/GLE ELAGSE Determine two or more central ideas of a text and analyze their development over the course of the text, including how they interact and build on one another to provide a complex analysis; provide an objective summary of the text. 11-12RI2

**Alliance to Save Energy**  
9-12 Custodial Presentation & Pledge  
Assembly Announcement  
Family Presentation  
Staff Presentation

**STRAND/TOPIC 23.05100. American Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Reading Informational</b>
<b>ELEMENT</b>	<b>Craft and Structure</b>

ELEMENT/GLE ELAGSE1 Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze how an author uses and refines the meaning of a key term or terms over the course of a text (e.g., how Madison defines faction in Federalist No. 10). 1-12RI4

**Alliance to Save Energy**  
9-12 Custodial Presentation & Pledge  
Assembly Announcement  
Family Presentation  
Staff Presentation

**STRAND/TOPIC 23.05100. American Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Reading Informational</b>
<b>ELEMENT</b>	<b>Integration of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE1 1-12RI7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 My Future Green Career Capstone Project</a></p>

**STRAND/TOPIC 23.05100. American Literature and Composition**

STANDARD / DESCRIPTION		Writing
ELEMENT		Text Types and Purpose
ELEMENT/GLE	ELAGSE 11-12W2	Write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.

EXPECTATION	ELAGSE1 1-12W2.a	Introduce a topic; organize complex ideas, concepts, and information so that each new element builds on that which precedes it to create a unified whole; include formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project Assembly Announcement</a>  <a href="#">Capstone Project</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

EXPECTATION	ELAGSE 11-12W2.b	Develop the topic thoroughly by selecting the most significant and relevant facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project Assembly Announcement</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

EXPECTATION	ELAGSE 11-12W2.c	Use appropriate and varied transitions and syntax to link the major sections of the text, create cohesion, and clarify the relationships among complex ideas and concepts.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project Assembly Announcement</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

EXPECTATION	ELAGSE 11-12W2.d	Use precise language, domain-specific vocabulary, and techniques such as metaphor, simile, and analogy to manage the complexity of the topic.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project Assembly Announcement</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

EXPECTATION ELAGSE 11-12W2.f Provide a concluding statement or section that follows from and supports the information or explanation presented (e.g., articulating implications or the significance of the topic).

- Alliance to Save Energy**  
 6-12 Final Presentation & Peer Performance  
 9-12 Explore Renewables Energy Poster Project  
 Assembly Announcement  
 Carbon Footprint Journal  
 Staff Presentation

**STRAND/TOPIC 23.05100. American Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Writing</b>
<b>ELEMENT</b>	<b>Production and Distribution of Writing</b>

ELEMENT/GLE ELAGSE1 1-12W4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Standards 1–3 above.)

- Alliance to Save Energy**  
 6-12 Final Presentation & Peer Performance  
 9-12 Custodial Presentation & Pledge  
 9-12 Explore Renewables Energy Poster Project  
 9-12 My Future Green Career  
 Assembly Announcement  
 Capstone Project  
 Carbon Footprint Journal  
 Staff Presentation

ELEMENT/GLE ELAGSE 11-12W5 Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grades 11-12.)

- Alliance to Save Energy**  
 6-12 Final Presentation & Peer Performance  
 9-12 Explore Renewables Energy Poster Project  
 Assembly Announcement  
 Capstone Project  
 Carbon Footprint Journal  
 Staff Presentation

**STRAND/TOPIC 23.05100. American Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Writing</b>
<b>ELEMENT</b>	<b>Research to Build and Present Knowledge</b>

ELEMENT/GLE ELAGSE1 1-12W7 Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.

- Alliance to Save Energy**  
 9-12 Explore Renewables Energy Poster Project  
 9-12 My Future Green Career  
 Capstone Project

ELEMENT/GLE	ELAGSE 11-12W8	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation.
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**Alliance to Save Energy**

9-12 Explore Renewables Energy Poster Project

9-12 My Future Green Career

Capstone Project

**STRAND/TOPIC 23.05100. American Literature and Composition**

STANDARD / DESCRIPTION		Writing
ELEMENT		Range of Writing

ELEMENT/GLE	ELAGSE1 1-12W10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences.
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**Alliance to Save Energy**

6-12 Final Presentation & Peer Performance

9-12 Explore Renewables Energy Poster Project

Assembly Announcement

Capstone Project

Carbon Footprint Journal

Staff Presentation

**STRAND/TOPIC 23.05100. American Literature and Composition**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Comprehension and Collaboration

ELEMENT/GLE	ELAGSE 11-12SL1	Initiate and participate effectively in a range of collaborative discussions(one-on-one, in groups, and teacher-led) with diverse partners on grades 11-12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
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EXPECTATION	ELAGSE1 1-12SL1.a	Come to discussions prepared, having read and researched material under study; explicitly draw on that preparation by referring to evidence from texts and other research on the topic or issue to stimulate a thoughtful, well-reasoned exchange of ideas.
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**Alliance to Save Energy**

6-12 Final Presentation & Peer Performance

9-12 Custodial Presentation & Pledge

9-12 Explore Renewables Energy Poster Project

Assembly Announcement

Capstone Project

Poster Campaign

Staff Presentation

EXPECTATION	ELAGSE 11- 12SL1.b	Work with peers to set rules for collegial discussions and decision-making, set clear goals and deadlines, and establish individual roles as needed.
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**Alliance to Save Energy**

6-12 Final Presentation & Peer Performance

9-12 Custodial Presentation & Pledge

9-12 Explore Renewables Energy Poster Project

Assembly Announcement

Capstone Project

Poster Campaign

Staff Presentation

EXPECTATION	ELAGSE11-12SL1.c	Propel conversations by posing and responding to questions that probe reasoning and evidence; ensure a hearing for a full range of positions on a topic or issue; clarify, verify, or challenge ideas and conclusions; and promote divergent and creative perspectives.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Custodial Presentation &amp; Pledge</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>            Assembly Announcement            Capstone Project            Poster Campaign            Staff Presentation</p>

**STRAND/TOPIC 23.05100. American Literature and Composition**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Presentation of Knowledge and Ideas

ELEMENT/GLE	ELAGSE11-12SL4	Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range or formal and informal tasks.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Custodial Presentation &amp; Pledge</a>            Assembly Announcement            Capstone Project            Staff Presentation</p>

ELEMENT/GLE	ELAGSE11-12SL5	Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance understanding of findings, reasoning, and evidence and to add interest.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>            Family Presentation</p>

**STRAND/TOPIC 23.05100. American Literature and Composition**

STANDARD / DESCRIPTION		Language
ELEMENT		Vocabulary Acquisition and Use

ELEMENT/GLE	ELAGSE11-12L4	<b>Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 11-12 reading and content, choosing flexibly from a range of strategies.</b>
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EXPECTATION	ELAGSE11-12L4.a	Use context (e.g., the overall meaning of a sentence, paragraph, or text; a word's position or function in a sentence) as a clue to the meaning of a word or phrase.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Custodial Presentation &amp; Pledge</a>            Assembly Announcement            Family Presentation            Staff Presentation</p>

EXPECTATION ELAGSE 11-12L4.d Verify the preliminary determination of the meaning of a word or phrase (e.g., by checking the inferred meaning in context or in a dictionary).

**Alliance to Save Energy**  
 9-12 Custodial Presentation & Pledge  
 Assembly Announcement  
 Family Presentation  
 Staff Presentation

**STRAND/TOPIC 23.05100. American Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Language</b>
<b>ELEMENT</b>	<b>Vocabulary Acquisition and Use</b>

ELEMENT/GLE ELAGSE1 1-12L6 Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.

**Alliance to Save Energy**  
 6-12 Final Presentation & Peer Performance  
 9-12 Custodial Presentation & Pledge  
 9-12 Explore Renewables Energy Poster Project  
 Assembly Announcement  
 Carbon Footprint Journal  
 Family Presentation  
 Staff Presentation

**STRAND/TOPIC 23.05200. British Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Reading Literary</b>
<b>ELEMENT</b>	<b>Range of Reading and Level of Text Complexity</b>

ELEMENT/GLE ELAGSE1 1-12RL10 By the end of grade 11, read and comprehend literature, including stories, dramas, and poems, in the grades 11-CCR text complexity band proficiently, with scaffolding as needed at the high end of the range.

**Alliance to Save Energy**  
 Assembly Announcement  
 Family Presentation  
 Staff Presentation

**STRAND/TOPIC 23.05200. British Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Reading Informational</b>
<b>ELEMENT</b>	<b>Key Ideas and Details</b>

ELEMENT/GLE ELAGSE1 1-12RI1 Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text, including determining where the text leaves matters uncertain.

**Alliance to Save Energy**  
 9-12 Custodial Presentation & Pledge  
 Assembly Announcement  
 Family Presentation  
 Staff Presentation

ELEMENT/GLE	ELAGSE 11-12RI2	Determine two or more central ideas of a text and analyze their development over the course of the text, including how they interact and build on one another to provide a complex analysis; provide an objective summary of the text.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Custodial Presentation &amp; Pledge</a>  <a href="#">Assembly Announcement</a>  <a href="#">Family Presentation</a>  <a href="#">Staff Presentation</a></p>

**STRAND/TOPIC 23.05200. British Literature and Composition**

STANDARD / DESCRIPTION		Reading Informational
ELEMENT		Craft and Structure

ELEMENT/GLE	ELAGSE1 1-12RI4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze how an author uses and refines the meaning of a key term or terms over the course of a text (e.g., how Madison defines faction in Federalist No. 10).
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Custodial Presentation &amp; Pledge</a>  <a href="#">Assembly Announcement</a>  <a href="#">Family Presentation</a>  <a href="#">Staff Presentation</a></p>

**STRAND/TOPIC 23.05200. British Literature and Composition**

STANDARD / DESCRIPTION		Reading Informational
ELEMENT		Integration of Knowledge and Ideas

ELEMENT/GLE	ELAGSE1 1-12RI7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 My Future Green Career</a>  <a href="#">Capstone Project</a></p>

**STRAND/TOPIC 23.05200. British Literature and Composition**

STANDARD / DESCRIPTION		Writing
ELEMENT		Text Types and Purpose

ELEMENT/GLE	ELAGSE 11-12W2	Write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.
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EXPECTATION	ELAGSE1 1-12W2.a	Introduce a topic; organize complex ideas, concepts, and information so that each new element builds on that which precedes it to create a unified whole; include formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">Assembly Announcement</a>  <a href="#">Capstone Project</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

EXPECTATION	ELAGSE 11- 12W2.b	Develop the topic thoroughly by selecting the most significant and relevant facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 11- 12W2.c	Use appropriate and varied transitions and syntax to link the major sections of the text, create cohesion, and clarify the relationships among complex ideas and concepts.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 11- 12W2.d	Use precise language, domain-specific vocabulary, and techniques such as metaphor, simile, and analogy to manage the complexity of the topic.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 11-12W2.f	Provide a concluding statement or section that follows from and supports the information or explanation presented (e.g., articulating implications or the significance of the topic).  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation

**STRAND/TOPIC 23.05200. British Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Writing</b>
<b>ELEMENT</b>	<b>Production and Distribution of Writing</b>

ELEMENT/GLE	ELAGSE1 1-12W4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Standards 1–3 above.)  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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ELEMENT/GLE	ELAGSE 11-12W5	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grades 11-12.)
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Capstone Project  Carbon Footprint Journal  Staff Presentation</p>

**STRAND/TOPIC 23.05200. British Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Research to Build and Present Knowledge</b>
ELEMENT/GLE	ELAGSE1 1-12W7	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.
		<p><b><u>Alliance to Save Energy</u></b>  9-12 Explore Renewables Energy Poster Project  9-12 My Future Green Career  Capstone Project</p>

ELEMENT/GLE	ELAGSE 11-12W8	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation.
		<p><b><u>Alliance to Save Energy</u></b>  9-12 Explore Renewables Energy Poster Project  9-12 My Future Green Career  Capstone Project</p>

**STRAND/TOPIC 23.05200. British Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Range of Writing</b>
ELEMENT/GLE	ELAGSE1 1-12W10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Capstone Project  Carbon Footprint Journal  Staff Presentation</p>

**STRAND/TOPIC 23.05200. British Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Speaking and Listening</b>
<b>ELEMENT</b>		<b>Comprehension and Collaboration</b>

ELEMENT/GLE	ELAGSE 11-12SL1	Initiate and participate effectively in a range of collaborative discussions(one-on-one, in groups, and teacher-led) with diverse partners on grades 11-12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
EXPECTATION	ELAGSE1 1-12SL1.a	Come to discussions prepared, having read and researched material under study; explicitly draw on that preparation by referring to evidence from texts and other research on the topic or issue to stimulate a thoughtful, well-reasoned exchange of ideas.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Poster Campaign Staff Presentation
EXPECTATION	ELAGSE 11-12SL1.b	Work with peers to set rules for collegial discussions and decision-making, set clear goals and deadlines, and establish individual roles as needed.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Poster Campaign Staff Presentation
EXPECTATION	ELAGSE 11-12SL1.c	Propel conversations by posing and responding to questions that probe reasoning and evidence; ensure a hearing for a full range of positions on a topic or issue; clarify, verify, or challenge ideas and conclusions; and promote divergent and creative perspectives.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Poster Campaign Staff Presentation

**STRAND/TOPIC 23.05200. British Literature and Composition**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Presentation of Knowledge and Ideas

ELEMENT/GLE	ELAGSE1 1-12SL4	Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range or formal and informal tasks.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge Assembly Announcement Capstone Project Staff Presentation
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ELEMENT/GLE	ELAGSE 11-12SL5	Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance understanding of findings, reasoning, and evidence and to add interest.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  Family Presentation</p>

**STRAND/TOPIC 23.05200. British Literature and Composition**

STANDARD / DESCRIPTION		Language
ELEMENT		Vocabulary Acquisition and Use
ELEMENT/GLE	ELAGSE 11-12L4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 11-12 reading and content, choosing flexibly from a range of strategies.

EXPECTATION	ELAGSE1 1-12L4.a	Use context (e.g., the overall meaning of a sentence, paragraph, or text; a word's position or function in a sentence) as a clue to the meaning of a word or phrase.
		<p><b><u>Alliance to Save Energy</u></b>  9-12 Custodial Presentation &amp; Pledge  Assembly Announcement  Family Presentation  Staff Presentation</p>

EXPECTATION	ELAGSE 11-12L4.d	Verify the preliminary determination of the meaning of a word or phrase (e.g., by checking the inferred meaning in context or in a dictionary).
		<p><b><u>Alliance to Save Energy</u></b>  9-12 Custodial Presentation &amp; Pledge  Assembly Announcement  Family Presentation  Staff Presentation</p>

**STRAND/TOPIC 23.05200. British Literature and Composition**

STANDARD / DESCRIPTION		Language
ELEMENT		Vocabulary Acquisition and Use

ELEMENT/GLE	ELAGSE1 1-12L6	Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Custodial Presentation &amp; Pledge  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Carbon Footprint Journal  Family Presentation  Staff Presentation</p>

**STRAND/TOPIC 23.06700. Multicultural Literature**

STANDARD / DESCRIPTION		Reading Literary
ELEMENT		Range of Reading and Level of Text Complexity

ELEMENT/GLE ELAGSE1 By the end of grade 11, read and comprehend literature, including stories, dramas, and poems, in the grades 1-12RL10 11-CCR text complexity band proficiently, with scaffolding as needed at the high end of the range.

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Assembly Announcement  
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Staff Presentation

**STRAND/TOPIC 23.06700. Multicultural Literature**

<b>STANDARD / DESCRIPTION</b>	<b>Reading Informational</b>
<b>ELEMENT</b>	<b>Key Ideas and Details</b>

ELEMENT/GLE ELAGSE1 Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text, including determining where the text leaves matters uncertain. 1-12RI1

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ELEMENT/GLE ELAGSE Determine two or more central ideas of a text and analyze their development over the course of the text, including how they interact and build on one another to provide a complex analysis; provide an objective summary of the text. 11-12RI2

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**STRAND/TOPIC 23.06700. Multicultural Literature**

<b>STANDARD / DESCRIPTION</b>	<b>Reading Informational</b>
<b>ELEMENT</b>	<b>Craft and Structure</b>

ELEMENT/GLE ELAGSE1 Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze how an author uses and refines the meaning of a key term or terms over the course of a text (e.g., how Madison defines faction in Federalist No. 10). 1-12RI4

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**STRAND/TOPIC 23.06700. Multicultural Literature**

<b>STANDARD / DESCRIPTION</b>	<b>Reading Informational</b>
<b>ELEMENT</b>	<b>Integration of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE1 1-12RI7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 My Future Green Career Capstone Project</a></p>

**STRAND/TOPIC 23.06700. Multicultural Literature**

STANDARD / DESCRIPTION		Writing
ELEMENT		Text Types and Purpose
ELEMENT/GLE	ELAGSE 11-12W2	Write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.

EXPECTATION	ELAGSE1 1-12W2.a	Introduce a topic; organize complex ideas, concepts, and information so that each new element builds on that which precedes it to create a unified whole; include formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project Assembly Announcement</a>  <a href="#">Capstone Project</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

EXPECTATION	ELAGSE 11-12W2.b	Develop the topic thoroughly by selecting the most significant and relevant facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project Assembly Announcement</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

EXPECTATION	ELAGSE 11-12W2.c	Use appropriate and varied transitions and syntax to link the major sections of the text, create cohesion, and clarify the relationships among complex ideas and concepts.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project Assembly Announcement</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

EXPECTATION	ELAGSE 11-12W2.d	Use precise language, domain-specific vocabulary, and techniques such as metaphor, simile, and analogy to manage the complexity of the topic.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project Assembly Announcement</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

EXPECTATION ELAGSE 11-12W2.f Provide a concluding statement or section that follows from and supports the information or explanation presented (e.g., articulating implications or the significance of the topic).

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**STRAND/TOPIC 23.06700. Multicultural Literature**

<b>STANDARD / DESCRIPTION</b>	<b>Writing</b>
<b>ELEMENT</b>	<b>Production and Distribution of Writing</b>

ELEMENT/GLE ELAGSE1 1-12W4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Standards 1–3 above.)

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 Carbon Footprint Journal  
 Staff Presentation

ELEMENT/GLE ELAGSE 11-12W5 Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grades 11-12.)

- Alliance to Save Energy**  
 6-12 Final Presentation & Peer Performance  
 9-12 Explore Renewables Energy Poster Project  
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**STRAND/TOPIC 23.06700. Multicultural Literature**

<b>STANDARD / DESCRIPTION</b>	<b>Writing</b>
<b>ELEMENT</b>	<b>Research to Build and Present Knowledge</b>

ELEMENT/GLE ELAGSE1 1-12W7 Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.

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 9-12 Explore Renewables Energy Poster Project  
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ELEMENT/GLE	ELAGSE 11-12W8	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation.
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**Alliance to Save Energy**

9-12 Explore Renewables Energy Poster Project

9-12 My Future Green Career

Capstone Project

**STRAND/TOPIC 23.06700. Multicultural Literature**

STANDARD / DESCRIPTION		Writing
ELEMENT		Range of Writing

ELEMENT/GLE	ELAGSE1 1-12W10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences.
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**Alliance to Save Energy**

6-12 Final Presentation & Peer Performance

9-12 Explore Renewables Energy Poster Project

Assembly Announcement

Capstone Project

Carbon Footprint Journal

Staff Presentation

**STRAND/TOPIC 23.06700. Multicultural Literature**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Comprehension and Collaboration

ELEMENT/GLE	ELAGSE 11-12SL1	Initiate and participate effectively in a range of collaborative discussions(one-on-one, in groups, and teacher-led) with diverse partners on grades 11-12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
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EXPECTATION	ELAGSE1 1-12SL1.a	Come to discussions prepared, having read and researched material under study; explicitly draw on that preparation by referring to evidence from texts and other research on the topic or issue to stimulate a thoughtful, well-reasoned exchange of ideas.
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**Alliance to Save Energy**

6-12 Final Presentation & Peer Performance

9-12 Custodial Presentation & Pledge

9-12 Explore Renewables Energy Poster Project

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Poster Campaign

Staff Presentation

EXPECTATION	ELAGSE 11- 12SL1.b	Work with peers to set rules for collegial discussions and decision-making, set clear goals and deadlines, and establish individual roles as needed.
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**Alliance to Save Energy**

6-12 Final Presentation & Peer Performance

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Poster Campaign

Staff Presentation

EXPECTATION	ELAGSE 11-12SL1.c	Propel conversations by posing and responding to questions that probe reasoning and evidence; ensure a hearing for a full range of positions on a topic or issue; clarify, verify, or challenge ideas and conclusions; and promote divergent and creative perspectives.
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**Alliance to Save Energy**

6-12 Final Presentation & Peer Performance

9-12 Custodial Presentation & Pledge

9-12 Explore Renewables Energy Poster Project

Assembly Announcement

Capstone Project

Poster Campaign

Staff Presentation

**STRAND/TOPIC 23.06700. Multicultural Literature**

<b>STANDARD / DESCRIPTION</b>		<b>Speaking and Listening</b>
<b>ELEMENT</b>		<b>Presentation of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE1 1-12SL4	Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range of formal and informal tasks.
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**Alliance to Save Energy**

6-12 Final Presentation & Peer Performance

9-12 Custodial Presentation & Pledge

Assembly Announcement

Capstone Project

Staff Presentation

ELEMENT/GLE	ELAGSE 11-12SL5	Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance understanding of findings, reasoning, and evidence and to add interest.
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**Alliance to Save Energy**

6-12 Final Presentation & Peer Performance

Family Presentation

**STRAND/TOPIC 23.06700. Multicultural Literature**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>

ELEMENT/GLE	ELAGSE 11-12L4	<b>Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 11-12 reading and content, choosing flexibly from a range of strategies.</b>
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EXPECTATION	ELAGSE1 1-12L4.a	Use context (e.g., the overall meaning of a sentence, paragraph, or text; a word's position or function in a sentence) as a clue to the meaning of a word or phrase.
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**Alliance to Save Energy**

9-12 Custodial Presentation & Pledge

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EXPECTATION ELAGSE 11-12L4.d Verify the preliminary determination of the meaning of a word or phrase (e.g., by checking the inferred meaning in context or in a dictionary).

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 9-12 Custodial Presentation & Pledge  
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**STRAND/TOPIC 23.06700. Multicultural Literature**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>

ELEMENT/GLE ELAGSE1 1-12L6 Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.

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Grade: 11 - Adopted: 2019

**STRAND/TOPIC 23.05400. Technical College Readiness English**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Range of Reading and Level of Text Complexity</b>

ELEMENT/GLE ELAGSE1 1-12-RL10 By the end of grade 11, read and comprehend literature, including stories, dramas, and poems, in the grades 11-CCR text complexity band proficiently, with scaffolding as needed at the high end of the range. By the end of grade 12, read and comprehend literature, including stories dramas, and poems, in the grades 11-CCR text complexity band independently and proficiently.

**Alliance to Save Energy**  
 Assembly Announcement  
 Family Presentation  
 Staff Presentation

**STRAND/TOPIC 23.05400. Technical College Readiness English**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Key Ideas and Details</b>

ELEMENT/GLE ELAGSE1 1-12RI1 Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text, including determining where the text leaves matters uncertain.

**Alliance to Save Energy**  
 9-12 Custodial Presentation & Pledge  
 Assembly Announcement  
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 Staff Presentation

ELEMENT/GLE	ELAGSE 11-12RI2	Determine two or more central ideas of a text and analyze their development over the course of the text, including how they interact and build on one another to provide a complex analysis; provide an objective summary of the text.
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**Alliance to Save Energy**  
 9-12 Custodial Presentation & Pledge  
 Assembly Announcement  
 Family Presentation  
 Staff Presentation

**STRAND/TOPIC 23.05400. Technical College Readiness English**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Craft and Structure</b>

ELEMENT/GLE	ELAGAE1 1-12RI4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze how an author uses and refines the meaning of a key term or terms over the course of a text (e.g., how Madison defines faction in Federalist No. 10).
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**Alliance to Save Energy**  
 9-12 Custodial Presentation & Pledge  
 Assembly Announcement  
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 Staff Presentation

**STRAND/TOPIC 23.05400. Technical College Readiness English**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Range of Reading and Level Text Complexity</b>

ELEMENT/GLE	ELAGAE1 1-12RI10	By the end of grade 11, read and comprehend literary nonfiction in the grades 11-CCR text complexity band proficiently, with scaffolding as needed at the high end of the range.
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**Alliance to Save Energy**  
 9-12 Custodial Presentation & Pledge  
 Assembly Announcement  
 Family Presentation  
 Staff Presentation

**STRAND/TOPIC 23.05400. Technical College Readiness English**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Production and Distribution of Writing</b>

ELEMENT/GLE	ELAGSE1 1-12W4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.
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**Alliance to Save Energy**  
 6-12 Final Presentation & Peer Performance  
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 9-12 Explore Renewables Energy Poster Project  
 9-12 My Future Green Career  
 Assembly Announcement  
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 Carbon Footprint Journal  
 Staff Presentation

ELEMENT/GLE	ELAGSE 11-12W5	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">Assembly Announcement</a>  <a href="#">Capstone Project</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

**STRAND/TOPIC 23.05400. Technical College Readiness English**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Research to Build and Present Knowledge</b>

ELEMENT/GLE	ELAGSE1 1-12W7	Conduct short as well as more sustained research projects to answer a question (including a self-generate question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 My Future Green Career</a>  <a href="#">Capstone Project</a></p>

ELEMENT/GLE	ELAGSE 11-12W8	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 My Future Green Career</a>  <a href="#">Capstone Project</a></p>

ELEMENT/GLE	ELAGSE 11-12W9	Draw evidence from literary or informational texts to support analysis, reflection, and research.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">Assembly Announcement</a>  <a href="#">Staff Presentation</a></p>

**STRAND/TOPIC 23.05400. Technical College Readiness English**

<b>STANDARD / DESCRIPTION</b>		<b>Speaking and Listening</b>
<b>ELEMENT</b>		<b>Comprehension and Collaboration</b>

ELEMENT/GLE	ELSGSE1 1-12SL2	Integrate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, orally) in order to make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting any discrepancies among the data.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 My Future Green Career</a>  <a href="#">Capstone Project</a></p>

**STRAND/TOPIC 23.05400. Technical College Readiness English**

STANDARD / DESCRIPTION		Language
ELEMENT		Conventions of Standard English

ELEMENT/GLE ELAGSE1 1-12L6 Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening as the college and career readiness level; demonstrate independence in gathering vocabulary when considering a word or phrase important to comprehension or expression.

**Alliance to Save Energy**

9-12 Custodial Presentation & Pledge  
 Assembly Announcement  
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 Staff Presentation

Grade: 11 - Adopted: 2018

**STRAND/TOPIC 52.09200. Dramatic Writing (Film, Television, and Theatre I)**

STANDARD / DESCRIPTION		Creating (CR)
ELEMENT	TAHSTL .CR.2	Develop scripts through theatrical techniques.

ELEMENT/GLE TAHSTL. CR.2.b Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.

**Alliance to Save Energy**

6-12 Final Presentation & Peer Performance  
 9-12 Custodial Presentation & Pledge  
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 Staff Presentation

**STRAND/TOPIC 52.09200. Dramatic Writing (Film, Television, and Theatre I)**

STANDARD / DESCRIPTION		Creating (CR)
ELEMENT	TAHSTL .CR.3	Produce clear and concise writing that includes the conventions of standard English grammar and usage.

ELEMENT/GLE TAHSTL. CR.3.b Develop original texts using theatre techniques (e.g. improvisation, adapting non-theatre literature, playwriting exercises).

**Alliance to Save Energy**

6-12 Final Presentation & Peer Performance  
 9-12 Explore Renewables Energy Poster Project  
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ELEMENT/GLE TAHSTL. CR.3.e Develop the topic with well-chosen, relevant, and sufficient facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.

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6-12 Final Presentation & Peer Performance  
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ELEMENT/GLE	TAHSTL. CR.3.k	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.
		<p><b><u>Alliance to Save Energy</u></b></p> <p>6-12 Final Presentation &amp; Peer Performance</p> <p>9-12 Custodial Presentation &amp; Pledge</p> <p>9-12 Explore Renewables Energy Poster Project</p> <p>9-12 My Future Green Career</p> <p>Assembly Announcement</p> <p>Capstone Project</p> <p>Carbon Footprint Journal</p> <p>Staff Presentation</p>

ELEMENT/GLE	TAHSTL. CR.3.l	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.
		<p><b><u>Alliance to Save Energy</u></b></p> <p>6-12 Final Presentation &amp; Peer Performance</p> <p>9-12 Explore Renewables Energy Poster Project</p> <p>Assembly Announcement</p> <p>Capstone Project</p> <p>Carbon Footprint Journal</p> <p>Staff Presentation</p>

**STRAND/TOPIC 52.09200. Dramatic Writing (Film, Television, and Theatre I)**

STANDARD / DESCRIPTION		Responding (RE)
ELEMENT	TAHSTL .RE.1	Evaluate various aspects of dramatic arts literature using appropriate supporting evidence.

ELEMENT/GLE	TAHSTL. RE.1.a	Compare and summarize theatre literature from various historical periods, cultures, and styles.
		<p><b><u>Alliance to Save Energy</u></b></p> <p>Assembly Announcement</p> <p>Family Presentation</p> <p>Staff Presentation</p>

ELEMENT/GLE	TAHSTL. RE.1.f	Analyze a particular point of view or cultural experience reflected in a work of literature from outside the United States, drawing on a wide reading of world literature.
		<p><b><u>Alliance to Save Energy</u></b></p> <p>6-12 Final Presentation &amp; Peer Performance</p> <p>9-12 Explore Renewables Energy Poster Project</p> <p>Assembly Announcement</p> <p>Carbon Footprint Journal</p> <p>Staff Presentation</p>

**STRAND/TOPIC 52.09200. Dramatic Writing (Film, Television, and Theatre I)**

STANDARD / DESCRIPTION		Connecting (CN)
ELEMENT	TAHSTL .CN.1	Connect film, television, and theatre literature to its dramaturgical contexts and other disciplines.

ELEMENT/GLE	TAHSTL. CN.1.d	Identify the elements, influences, and contributions of other art forms and content areas to theatre literature.
		<p><b><u>Alliance to Save Energy</u></b></p> <p>Assembly Announcement</p> <p>Family Presentation</p> <p>Staff Presentation</p>

ELEMENT/GLE	TAHSTL. CN.1.e	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
ELEMENT/GLE	TAHSTL. CN.1.f	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source, answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoid plagiarism and follow a standard format for citation.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
ELEMENT/GLE	TAHSTL. CN.1.g	Draw evidence from a variety of literary or informational texts of varying lengths and complexity to support analysis, reflection, and research.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
ELEMENT/GLE	TAHSTL. CN.1.h	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation

**STRAND/TOPIC 23.03200. Journalism I**

STANDARD / DESCRIPTION	ELAGSE J.LE6	Develop a level of Information Literacy.
ELEMENT	ELAGSE J.LE6.a	Confidently identify reliable sources across different mediums.  <b><u>Alliance to Save Energy</u></b> Capstone Project
ELEMENT	ELAGSE J.LE6.c	Explore the relationship of content to audience, purpose, medium.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation

**STRAND/TOPIC 23.03200. Journalism I**

STANDARD / DESCRIPTION	ELAGSE J.LE7	Gain and utilize a clear understanding of current technological aspects of digital resources including social media.
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ELEMENT	ELAGSE J.LE7.a	Understand how and when to use social media as a source including verification and obtaining permission.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Capstone Project
ELEMENT	ELAGSE J.LE7.b	Recognize how your own use of social media affects your credibility as a journalist.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Capstone Project
ELEMENT	ELAGSE J.LE7.c	Make a clear connection of the conflict between timeliness (being first) and accuracy (being correct).  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Capstone Project

**STRAND/TOPIC 23.03300. Journalism II**

STANDARD / DESCRIPTION	ELAGSE J.RW1	Recognize or make decisions for publication content through news analysis, surveys, research reports, statistical data, and/or audience feedback.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
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**STRAND/TOPIC 23.03300. Journalism II**

STANDARD / DESCRIPTION	ELAGSE J.RW2	Produce content that meets professional and community standards (as defined by Hazelwood vs. Kuhlmeier 1988). All content will include:
ELEMENT	ELAGSE J.RW2.c	Clear and concise writing.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
ELEMENT	ELAGSE J.RW2.d	Unbiased/unprejudiced information and materials.  <b><u>Alliance to Save Energy</u></b> Capstone Project
ELEMENT	ELAGSE J.RW2.f	Suitability for the audience and alignment with the community standards.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation

**STRAND/TOPIC 23.03300. Journalism II**

STANDARD / DESCRIPTION	ELAGSE J.RW3	Identify and utilize print and nonprint information sources appropriate for given journalistic purposes.
ELEMENT	ELAGSE J.RW3.a	Synthesize information and ideas from multiple sources.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
ELEMENT	ELAGSE J.RW3.b	Apply criteria (e.g. bias, authoritativeness) for evaluating and selecting information sources.  <b><u>Alliance to Save Energy</u></b> Capstone Project
ELEMENT	ELAGSE J.RW3.c	Appropriately attribute credit to all referenced sources.  <b><u>Alliance to Save Energy</u></b> Capstone Project
ELEMENT	ELAGSE J.RW3.e	Explore the appropriate use of unnamed sources.  <b><u>Alliance to Save Energy</u></b> Capstone Project

**STRAND/TOPIC 23.03300. Journalism II**

STANDARD / DESCRIPTION	ELAGSE J.RW4	Develop and employ effective interview skills and practices.
ELEMENT	ELAGSE J.RW4.a	Research background information for subject and source.  <b><u>Alliance to Save Energy</u></b> Capstone Project

**STRAND/TOPIC 23.03300. Journalism II**

STANDARD / DESCRIPTION	ELAGSE J.RW5	Exhibit knowledge of the structure of journalistic writing.
ELEMENT	ELAGSE J.RW5.a	Follow the stages of writing and editing as they apply to the production process.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation

**STRAND/TOPIC 23.03600. Journalism IV**

STANDARD / DESCRIPTION	ELAGSE J.PMO1	Devise and carry out long-term and short-term plans and deadlines.
ELEMENT	ELAGSE J.PMO1.b	Track progress toward deadlines, making adjustments as necessary.  <b><u>Alliance to Save Energy</u></b> Capstone Project

ELEMENT	ELAGSE J.PMO1.c	Demonstrate an understanding of the importance of developing a project from concept through completion.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge Assembly Announcement Capstone Project
ELEMENT	ELAGSE J.PMO1.d	Plan and model time management skills at both the individual and team levels.  <b><u>Alliance to Save Energy</u></b> Capstone Project
ELEMENT	ELAGSE J.PMO1.e	Synthesize information from school calendars, publication staff strengths and weaknesses, and publication needs to structure class assignments.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project

**Georgia Standards of Excellence**  
**Language Arts**  
Grade: **12** - Adopted: **2015**

**STRAND/TOPIC 23.03400. Advanced Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Range of Reading and Level of Text Complexity</b>

ELEMENT/GLE	ELAGSE1 1-12RL10	By the end of grade 12, read and comprehend literature, including stories, dramas, and poems, in the grades 11-CCR text complexity band independently and proficiently.  <b><u>Alliance to Save Energy</u></b> Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.03400. Advanced Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Key Ideas and Details</b>

ELEMENT/GLE	ELAGSE1 1-12RI1	Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text, including determining where the text leaves matters uncertain.  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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ELEMENT/GLE	ELAGSE 11-12RI2	Determine two or more central ideas of a text and analyze their development over the course of the text, including how they interact and build on one another to provide a complex analysis; provide an objective summary of the text.  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.03400. Advanced Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Craft and Structure</b>

ELEMENT/GLE	ELAGSE1 1-12RI4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze how an author uses and refines the meaning of a key term or terms over the course of a text (e.g., how Madison defines faction in Federalist No. 10).  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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ELEMENT/GLE	ELAGSE 11-12RI5	Analyze and evaluate the effectiveness of the structure an author uses in his or her exposition or argument, including whether the structure makes points clear, convincing, and engaging.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.03400. Advanced Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Integration of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE1 1-12RI7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
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**STRAND/TOPIC 23.03400. Advanced Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Text Types and Purpose</b>

ELEMENT/GLE	ELAGSE 11-12W2	Write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.
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EXPECTATION	ELAGSE1 1-12W2.a	<p>Introduce a topic; organize complex ideas, concepts, and information so that each new element builds on that which precedes it to create a unified whole; include formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Capstone Project  Carbon Footprint Journal  Staff Presentation</p>
EXPECTATION	ELAGSE 11- 12W2.b	<p>Develop the topic thoroughly by selecting the most significant and relevant facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Carbon Footprint Journal  Staff Presentation</p>
EXPECTATION	ELAGSE 11- 12W2.c	<p>Use appropriate and varied transitions and syntax to link the major sections of the text, create cohesion, and clarify the relationships among complex ideas and concepts.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Carbon Footprint Journal  Staff Presentation</p>
EXPECTATION	ELAGSE 11- 12W2.d	<p>Use precise language, domain-specific vocabulary, and techniques such as metaphor, simile, and analogy to manage the complexity of the topic.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Carbon Footprint Journal  Staff Presentation</p>
EXPECTATION	ELAGSE 11-12W2.f	<p>Provide a concluding statement or section that follows from and supports the information or explanation presented (e.g., articulating implications or the significance of the topic).</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Carbon Footprint Journal  Staff Presentation</p>

**STRAND/TOPIC 23.03400. Advanced Composition**

STANDARD / DESCRIPTION	Writing
ELEMENT	Production and Distribution of Writing

ELEMENT/GLE	ELAGSE1 1-12W4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Standards 1–3 above.)
		<p><b><u>Alliance to Save Energy</u></b></p> <p>6-12 Final Presentation &amp; Peer Performance</p> <p>9-12 Custodial Presentation &amp; Pledge</p> <p>9-12 Explore Renewables Energy Poster Project</p> <p>9-12 My Future Green Career</p> <p>Assembly Announcement</p> <p>Capstone Project</p> <p>Carbon Footprint Journal</p> <p>Staff Presentation</p>

ELEMENT/GLE	ELAGSE 11-12W5	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grades 11-12.)
		<p><b><u>Alliance to Save Energy</u></b></p> <p>6-12 Final Presentation &amp; Peer Performance</p> <p>9-12 Explore Renewables Energy Poster Project</p> <p>Assembly Announcement</p> <p>Capstone Project</p> <p>Carbon Footprint Journal</p> <p>Staff Presentation</p>

**STRAND/TOPIC 23.03400. Advanced Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Research to Build and Present Knowledge</b>

ELEMENT/GLE	ELAGSE1 1-12W7	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.
		<p><b><u>Alliance to Save Energy</u></b></p> <p>9-12 Explore Renewables Energy Poster Project</p> <p>9-12 My Future Green Career</p> <p>Capstone Project</p>

ELEMENT/GLE	ELAGSE 11-12W8	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation.
		<p><b><u>Alliance to Save Energy</u></b></p> <p>9-12 Explore Renewables Energy Poster Project</p> <p>9-12 My Future Green Career</p> <p>Capstone Project</p>

**STRAND/TOPIC 23.03400. Advanced Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Range of Writing</b>

ELEMENT/GLE	ELAGSE1 1-12W10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Capstone Project  Carbon Footprint Journal  Staff Presentation</p>

**STRAND/TOPIC 23.03400. Advanced Composition**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Comprehension and Collaboration
ELEMENT/GLE	ELAGSE 11-12SL1	Initiate and participate effectively in a range of collaborative discussions(one-on-one, in groups, and teacher-led) with diverse partners on grades 11-12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.

EXPECTATION	ELAGSE1 1-12SL1.a	Come to discussions prepared, having read and researched material under study; explicitly draw on that preparation by referring to evidence from texts and other research on the topic or issue to stimulate a thoughtful, well-reasoned exchange of ideas.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Custodial Presentation &amp; Pledge  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Capstone Project  Poster Campaign  Staff Presentation</p>

EXPECTATION	ELAGSE 11- 12SL1.b	Work with peers to set rules for collegial discussions and decision-making, set clear goals and deadlines, and establish individual roles as needed.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Custodial Presentation &amp; Pledge  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Capstone Project  Poster Campaign  Staff Presentation</p>

EXPECTATION	ELAGSE 11- 12SL1.c	Propel conversations by posing and responding to questions that probe reasoning and evidence; ensure a hearing for a full range of positions on a topic or issue; clarify, verify, or challenge ideas and conclusions; and promote divergent and creative perspectives.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Custodial Presentation &amp; Pledge  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Capstone Project  Poster Campaign  Staff Presentation</p>

**STRAND/TOPIC 23.03400. Advanced Composition**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Presentation of Knowledge and Ideas
ELEMENT/GLE	ELAGSE1-12SL4	<p>Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range of formal and informal tasks.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Custodial Presentation &amp; Pledge  Assembly Announcement  Capstone Project  Staff Presentation</p>
ELEMENT/GLE	ELAGSE11-12SL5	<p>Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance understanding of findings, reasoning, and evidence and to add interest.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  Family Presentation</p>

**STRAND/TOPIC 23.03400. Advanced Composition**

STANDARD / DESCRIPTION		Language
ELEMENT		Vocabulary Acquisition and Use
ELEMENT/GLE	ELAGSE11-12L4	<p><b>Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 11-12 reading and content, choosing flexibly from a range of strategies.</b></p>
EXPECTATION	ELAGSE1-12L4.a	<p>Use context (e.g., the overall meaning of a sentence, paragraph, or text; a word's position or function in a sentence) as a clue to the meaning of a word or phrase.</p> <p><b><u>Alliance to Save Energy</u></b>  9-12 Custodial Presentation &amp; Pledge  Assembly Announcement  Family Presentation  Staff Presentation</p>
EXPECTATION	ELAGSE11-12L4.d	<p>Verify the preliminary determination of the meaning of a word or phrase (e.g., by checking the inferred meaning in context or in a dictionary).</p> <p><b><u>Alliance to Save Energy</u></b>  9-12 Custodial Presentation &amp; Pledge  Assembly Announcement  Family Presentation  Staff Presentation</p>

**STRAND/TOPIC 23.03400. Advanced Composition**

STANDARD / DESCRIPTION		Language
ELEMENT		Vocabulary Acquisition and Use

ELEMENT/GLE ELAGSE1 1-12L6 Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.

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 6-12 Final Presentation & Peer Performance  
 9-12 Custodial Presentation & Pledge  
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 Assembly Announcement  
 Carbon Footprint Journal  
 Family Presentation  
 Staff Presentation

**STRAND/TOPIC 23.05100. American Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Reading Literary</b>
<b>ELEMENT</b>	<b>Range of Reading and Level of Text Complexity</b>

ELEMENT/GLE ELAGSE1 1-12RL10 By the end of grade 12, read and comprehend literature, including stories, dramas, and poems, in the grades 11-CCR text complexity band independently and proficiently.

- Alliance to Save Energy**  
 Assembly Announcement  
 Family Presentation  
 Staff Presentation

**STRAND/TOPIC 23.05100. American Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Reading Informational</b>
<b>ELEMENT</b>	<b>Key Ideas and Details</b>

ELEMENT/GLE ELAGSE1 1-12RI1 Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text, including determining where the text leaves matters uncertain.

- Alliance to Save Energy**  
 9-12 Custodial Presentation & Pledge  
 Assembly Announcement  
 Family Presentation  
 Staff Presentation

ELEMENT/GLE ELAGSE1 11-12RI2 Determine two or more central ideas of a text and analyze their development over the course of the text, including how they interact and build on one another to provide a complex analysis; provide an objective summary of the text.

- Alliance to Save Energy**  
 9-12 Custodial Presentation & Pledge  
 Assembly Announcement  
 Family Presentation  
 Staff Presentation

**STRAND/TOPIC 23.05100. American Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Reading Informational</b>
<b>ELEMENT</b>	<b>Craft and Structure</b>

ELEMENT/GLE	ELAGSE1 1-12RI4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze how an author uses and refines the meaning of a key term or terms over the course of a text (e.g., how Madison defines faction in Federalist No. 10).
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Custodial Presentation &amp; Pledge</a>  <a href="#">Assembly Announcement</a>  <a href="#">Family Presentation</a>  <a href="#">Staff Presentation</a></p>

**STRAND/TOPIC 23.05100. American Literature and Composition**

STANDARD / DESCRIPTION		Reading Informational
ELEMENT		Integration of Knowledge and Ideas

ELEMENT/GLE	ELAGSE1 1-12RI7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 My Future Green Career</a>  <a href="#">Capstone Project</a></p>

**STRAND/TOPIC 23.05100. American Literature and Composition**

STANDARD / DESCRIPTION		Writing
ELEMENT		Text Types and Purpose
ELEMENT/GLE	ELAGSE 11-12W2	Write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.

EXPECTATION	ELAGSE1 1-12W2.a	Introduce a topic; organize complex ideas, concepts, and information so that each new element builds on that which precedes it to create a unified whole; include formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">Assembly Announcement</a>  <a href="#">Capstone Project</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

EXPECTATION	ELAGSE 11- 12W2.b	Develop the topic thoroughly by selecting the most significant and relevant facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

EXPECTATION	ELAGSE 11- 12W2.c	Use appropriate and varied transitions and syntax to link the major sections of the text, create cohesion, and clarify the relationships among complex ideas and concepts.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 11- 12W2.d	Use precise language, domain-specific vocabulary, and techniques such as metaphor, simile, and analogy to manage the complexity of the topic.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 11-12W2.f	Provide a concluding statement or section that follows from and supports the information or explanation presented (e.g., articulating implications or the significance of the topic).  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation

**STRAND/TOPIC 23.05100. American Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Production and Distribution of Writing</b>

ELEMENT/GLE	ELAGSE1 1-12W4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Standards 1–3 above.)  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
ELEMENT/GLE	ELAGSE 11-12W5	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grades 11-12.)  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation

**STRAND/TOPIC 23.05100. American Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Research to Build and Present Knowledge</b>

ELEMENT/GLE      ELAGSE1      Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.

**Alliance to Save Energy**  
[9-12 Explore Renewables Energy Poster Project](#)  
[9-12 My Future Green Career Capstone Project](#)

ELEMENT/GLE      ELAGSE      Gather relevant information from multiple authoritative print and digital sources, using advanced searches 11-12W8 effectively; assess the strengths and limitations of each source in terms of the task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation.

**Alliance to Save Energy**  
[9-12 Explore Renewables Energy Poster Project](#)  
[9-12 My Future Green Career Capstone Project](#)

**STRAND/TOPIC 23.05100. American Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Range of Writing</b>

ELEMENT/GLE      ELAGSE1      Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames 1-12W10 (a single sitting or a day or two) for a range of tasks, purposes, and audiences.

**Alliance to Save Energy**  
[6-12 Final Presentation & Peer Performance](#)  
[9-12 Explore Renewables Energy Poster Project Assembly Announcement](#)  
[Capstone Project](#)  
[Carbon Footprint Journal](#)  
[Staff Presentation](#)

**STRAND/TOPIC 23.05100. American Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Speaking and Listening</b>
<b>ELEMENT</b>		<b>Comprehension and Collaboration</b>

ELEMENT/GLE      ELAGSE      Initiate and participate effectively in a range of collaborative discussions(one-on-one, in groups, 11-12SL1 and teacher-led) with diverse partners on grades 11-12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.

EXPECTATION	ELAGSE1 1-12SL1.a	Come to discussions prepared, having read and researched material under study; explicitly draw on that preparation by referring to evidence from texts and other research on the topic or issue to stimulate a thoughtful, well-reasoned exchange of ideas.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Poster Campaign Staff Presentation
EXPECTATION	ELAGSE 11- 12SL1.b	Work with peers to set rules for collegial discussions and decision-making, set clear goals and deadlines, and establish individual roles as needed.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Poster Campaign Staff Presentation
EXPECTATION	ELAGSE 11- 12SL1.c	Propel conversations by posing and responding to questions that probe reasoning and evidence; ensure a hearing for a full range of positions on a topic or issue; clarify, verify, or challenge ideas and conclusions; and promote divergent and creative perspectives.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Poster Campaign Staff Presentation

**STRAND/TOPIC 23.05100. American Literature and Composition**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Presentation of Knowledge and Ideas
ELEMENT/GLE	ELAGSE1 1-12SL4	Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range or formal and informal tasks.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge Assembly Announcement Capstone Project Staff Presentation
ELEMENT/GLE	ELAGSE 11-12SL5	Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance understanding of findings, reasoning, and evidence and to add interest.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Family Presentation

**STRAND/TOPIC 23.05100. American Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>
<b>ELEMENT/GLE</b>	<b>ELAGSE 11-12L4</b>	<b>Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 11-12 reading and content, choosing flexibly from a range of strategies.</b>

EXPECTATION ELAGSE1-12L4.a Use context (e.g., the overall meaning of a sentence, paragraph, or text; a word's position or function in a sentence) as a clue to the meaning of a word or phrase.

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EXPECTATION ELAGSE 11-12L4.d Verify the preliminary determination of the meaning of a word or phrase (e.g., by checking the inferred meaning in context or in a dictionary).

**Alliance to Save Energy**  
 9-12 Custodial Presentation & Pledge  
 Assembly Announcement  
 Family Presentation  
 Staff Presentation

**STRAND/TOPIC 23.05100. American Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>

ELEMENT/GLE ELAGSE1-12L6 Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.

**Alliance to Save Energy**  
 6-12 Final Presentation & Peer Performance  
 9-12 Custodial Presentation & Pledge  
 9-12 Explore Renewables Energy Poster Project  
 Assembly Announcement  
 Carbon Footprint Journal  
 Family Presentation  
 Staff Presentation

**STRAND/TOPIC 23.05200. British Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Range of Reading and Level of Text Complexity</b>

ELEMENT/GLE ELAGSE1 By the end of grade 12, read and comprehend literature, including stories, dramas, and poems, in the grades 1-12RL10 11-CCR text complexity band independently and proficiently.

**Alliance to Save Energy**  
Assembly Announcement  
Family Presentation  
Staff Presentation

**STRAND/TOPIC 23.05200. British Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Reading Informational</b>
<b>ELEMENT</b>	<b>Key Ideas and Details</b>

ELEMENT/GLE ELAGSE1 Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text, including determining where the text leaves matters uncertain. 1-12RI1

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ELEMENT/GLE ELAGSE Determine two or more central ideas of a text and analyze their development over the course of the text, including how they interact and build on one another to provide a complex analysis; provide an objective summary of the text. 11-12RI2

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**STRAND/TOPIC 23.05200. British Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Reading Informational</b>
<b>ELEMENT</b>	<b>Craft and Structure</b>

ELEMENT/GLE ELAGSE1 Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze how an author uses and refines the meaning of a key term or terms over the course of a text (e.g., how Madison defines faction in Federalist No. 10). 1-12RI4

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Family Presentation  
Staff Presentation

**STRAND/TOPIC 23.05200. British Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Reading Informational</b>
<b>ELEMENT</b>	<b>Integration of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE1 1-12RI7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 My Future Green Career</a>  <a href="#">Capstone Project</a></p>

**STRAND/TOPIC 23.05200. British Literature and Composition**

STANDARD / DESCRIPTION		Writing
ELEMENT		Text Types and Purpose
ELEMENT/GLE	ELAGSE 11-12W2	Write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.

EXPECTATION	ELAGSE1 1-12W2.a	Introduce a topic; organize complex ideas, concepts, and information so that each new element builds on that which precedes it to create a unified whole; include formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">Assembly Announcement</a>  <a href="#">Capstone Project</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

EXPECTATION	ELAGSE 11- 12W2.b	Develop the topic thoroughly by selecting the most significant and relevant facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

EXPECTATION	ELAGSE 11- 12W2.c	Use appropriate and varied transitions and syntax to link the major sections of the text, create cohesion, and clarify the relationships among complex ideas and concepts.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

EXPECTATION	ELAGSE 11- 12W2.d	Use precise language, domain-specific vocabulary, and techniques such as metaphor, simile, and analogy to manage the complexity of the topic.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Journal</a>  <a href="#">Staff Presentation</a></p>

EXPECTATION ELAGSE 11-12W2.f Provide a concluding statement or section that follows from and supports the information or explanation presented (e.g., articulating implications or the significance of the topic).

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 Staff Presentation

**STRAND/TOPIC 23.05200. British Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Writing</b>
<b>ELEMENT</b>	<b>Production and Distribution of Writing</b>

ELEMENT/GLE ELAGSE1 1-12W4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Standards 1–3 above.)

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 6-12 Final Presentation & Peer Performance  
 9-12 Custodial Presentation & Pledge  
 9-12 Explore Renewables Energy Poster Project  
 9-12 My Future Green Career  
 Assembly Announcement  
 Capstone Project  
 Carbon Footprint Journal  
 Staff Presentation

ELEMENT/GLE ELAGSE 11-12W5 Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grades 11-12.)

- Alliance to Save Energy**  
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 Assembly Announcement  
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 Staff Presentation

**STRAND/TOPIC 23.05200. British Literature and Composition**

<b>STANDARD / DESCRIPTION</b>	<b>Writing</b>
<b>ELEMENT</b>	<b>Research to Build and Present Knowledge</b>

ELEMENT/GLE ELAGSE1 1-12W7 Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.

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 9-12 Explore Renewables Energy Poster Project  
 9-12 My Future Green Career  
 Capstone Project

ELEMENT/GLE	ELAGSE 11-12W8	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation.
		<p><b><u>Alliance to Save Energy</u></b>  9-12 Explore Renewables Energy Poster Project  9-12 My Future Green Career  Capstone Project</p>

**STRAND/TOPIC 23.05200. British Literature and Composition**

STANDARD / DESCRIPTION		Writing
ELEMENT		Range of Writing

ELEMENT/GLE	ELAGSE1 1-12W10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Capstone Project  Carbon Footprint Journal  Staff Presentation</p>

**STRAND/TOPIC 23.05200. British Literature and Composition**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Comprehension and Collaboration

ELEMENT/GLE	ELAGSE 11-12SL1	Initiate and participate effectively in a range of collaborative discussions(one-on-one, in groups, and teacher-led) with diverse partners on grades 11-12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.
EXPECTATION	ELAGSE1 1-12SL1.a	Come to discussions prepared, having read and researched material under study; explicitly draw on that preparation by referring to evidence from texts and other research on the topic or issue to stimulate a thoughtful, well-reasoned exchange of ideas.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Custodial Presentation &amp; Pledge  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Capstone Project  Poster Campaign  Staff Presentation</p>

EXPECTATION	ELAGSE 11- 12SL1.b	Work with peers to set rules for collegial discussions and decision-making, set clear goals and deadlines, and establish individual roles as needed.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Custodial Presentation &amp; Pledge  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Capstone Project  Poster Campaign  Staff Presentation</p>

EXPECTATION	ELAGSE 11-12SL1.c	Propel conversations by posing and responding to questions that probe reasoning and evidence; ensure a hearing for a full range of positions on a topic or issue; clarify, verify, or challenge ideas and conclusions; and promote divergent and creative perspectives.
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 Assembly Announcement  
 Capstone Project  
 Poster Campaign  
 Staff Presentation

**STRAND/TOPIC 23.05200. British Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Speaking and Listening</b>
<b>ELEMENT</b>		<b>Presentation of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE1 1-12SL4	Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range of formal and informal tasks.
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 Staff Presentation

ELEMENT/GLE	ELAGSE 11-12SL5	Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance understanding of findings, reasoning, and evidence and to add interest.
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 Family Presentation

**STRAND/TOPIC 23.05200. British Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>

ELEMENT/GLE	ELAGSE 11-12L4	<b>Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 11-12 reading and content, choosing flexibly from a range of strategies.</b>
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EXPECTATION	ELAGSE1 1-12L4.a	Use context (e.g., the overall meaning of a sentence, paragraph, or text; a word's position or function in a sentence) as a clue to the meaning of a word or phrase.
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EXPECTATION ELAGSE 11-12L4.d Verify the preliminary determination of the meaning of a word or phrase (e.g., by checking the inferred meaning in context or in a dictionary).

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**STRAND/TOPIC 23.05200. British Literature and Composition**

<b>STANDARD / DESCRIPTION</b>		<b>Language</b>
<b>ELEMENT</b>		<b>Vocabulary Acquisition and Use</b>

ELEMENT/GLE ELAGSE1 1-12L6 Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.

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 Staff Presentation

**STRAND/TOPIC 23.06700. Multicultural Literature**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Literary</b>
<b>ELEMENT</b>		<b>Range of Reading and Level of Text Complexity</b>

ELEMENT/GLE ELAGSE1 1-12RL10 By the end of grade 12, read and comprehend literature, including stories, dramas, and poems, in the grades 11-CCR text complexity band independently and proficiently.

**Alliance to Save Energy**  
 Assembly Announcement  
 Family Presentation  
 Staff Presentation

**STRAND/TOPIC 23.06700. Multicultural Literature**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Key Ideas and Details</b>

ELEMENT/GLE ELAGSE1 1-12RI1 Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as inferences drawn from the text, including determining where the text leaves matters uncertain.

**Alliance to Save Energy**  
 9-12 Custodial Presentation & Pledge  
 Assembly Announcement  
 Family Presentation  
 Staff Presentation

ELEMENT/GLE	ELAGSE 11-12RI2	Determine two or more central ideas of a text and analyze their development over the course of the text, including how they interact and build on one another to provide a complex analysis; provide an objective summary of the text.  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.06700. Multicultural Literature**

STANDARD / DESCRIPTION		Reading Informational
ELEMENT		Craft and Structure

ELEMENT/GLE	ELAGSE1 1-12RI4	Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze how an author uses and refines the meaning of a key term or terms over the course of a text (e.g., how Madison defines faction in Federalist No. 10).  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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**STRAND/TOPIC 23.06700. Multicultural Literature**

STANDARD / DESCRIPTION		Reading Informational
ELEMENT		Integration of Knowledge and Ideas

ELEMENT/GLE	ELAGSE1 1-12RI7	Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
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**STRAND/TOPIC 23.06700. Multicultural Literature**

STANDARD / DESCRIPTION		Writing
ELEMENT		Text Types and Purpose
ELEMENT/GLE	ELAGSE 11-12W2	Write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.

EXPECTATION	ELAGSE1 1-12W2.a	Introduce a topic; organize complex ideas, concepts, and information so that each new element builds on that which precedes it to create a unified whole; include formatting (e.g., headings), graphics (e.g., figures, tables), and multimedia when useful to aiding comprehension.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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EXPECTATION	ELAGSE 11- 12W2.b	Develop the topic thoroughly by selecting the most significant and relevant facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 11- 12W2.c	Use appropriate and varied transitions and syntax to link the major sections of the text, create cohesion, and clarify the relationships among complex ideas and concepts.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 11- 12W2.d	Use precise language, domain-specific vocabulary, and techniques such as metaphor, simile, and analogy to manage the complexity of the topic.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
EXPECTATION	ELAGSE 11-12W2.f	Provide a concluding statement or section that follows from and supports the information or explanation presented (e.g., articulating implications or the significance of the topic).  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation

**STRAND/TOPIC 23.06700. Multicultural Literature**

<b>STANDARD / DESCRIPTION</b>	<b>Writing</b>
<b>ELEMENT</b>	<b>Production and Distribution of Writing</b>

ELEMENT/GLE	ELAGSE1 1-12W4	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in Standards 1–3 above.)  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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ELEMENT/GLE	ELAGSE 11-12W5	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience. (Editing for conventions should demonstrate command of Language Standards 1–3 up to and including grades 11-12.)
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>            Assembly Announcement            Capstone Project            Carbon Footprint Journal            Staff Presentation</p>

**STRAND/TOPIC 23.06700. Multicultural Literature**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Research to Build and Present Knowledge</b>
ELEMENT/GLE	ELAGSE1 1-12W7	Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 My Future Green Career</a>            Capstone Project</p>

ELEMENT/GLE	ELAGSE 11-12W8	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 My Future Green Career</a>            Capstone Project</p>

**STRAND/TOPIC 23.06700. Multicultural Literature**

<b>STANDARD / DESCRIPTION</b>		<b>Writing</b>
<b>ELEMENT</b>		<b>Range of Writing</b>
ELEMENT/GLE	ELAGSE1 1-12W10	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>            Assembly Announcement            Capstone Project            Carbon Footprint Journal            Staff Presentation</p>

**STRAND/TOPIC 23.06700. Multicultural Literature**

<b>STANDARD / DESCRIPTION</b>		<b>Speaking and Listening</b>
<b>ELEMENT</b>		<b>Comprehension and Collaboration</b>

<b>ELEMENT/GLE</b>	<b>ELAGSE 11-12SL1</b>	<b>Initiate and participate effectively in a range of collaborative discussions(one-on-one, in groups, and teacher-led) with diverse partners on grades 11-12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.</b>
EXPECTATION	ELAGSE1 1-12SL1.a	Come to discussions prepared, having read and researched material under study; explicitly draw on that preparation by referring to evidence from texts and other research on the topic or issue to stimulate a thoughtful, well-reasoned exchange of ideas.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Poster Campaign Staff Presentation
EXPECTATION	ELAGSE 11-12SL1.b	Work with peers to set rules for collegial discussions and decision-making, set clear goals and deadlines, and establish individual roles as needed.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Poster Campaign Staff Presentation
EXPECTATION	ELAGSE 11-12SL1.c	Propel conversations by posing and responding to questions that probe reasoning and evidence; ensure a hearing for a full range of positions on a topic or issue; clarify, verify, or challenge ideas and conclusions; and promote divergent and creative perspectives.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Poster Campaign Staff Presentation

**STRAND/TOPIC 23.06700. Multicultural Literature**

<b>STANDARD / DESCRIPTION</b>	<b>Speaking and Listening</b>
<b>ELEMENT</b>	<b>Presentation of Knowledge and Ideas</b>

ELEMENT/GLE	ELAGSE1 1-12SL4	Present information, findings, and supporting evidence, conveying a clear and distinct perspective, such that listeners can follow the line of reasoning, alternative or opposing perspectives are addressed, and the organization, development, substance, and style are appropriate to purpose, audience, and a range or formal and informal tasks.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge Assembly Announcement Capstone Project Staff Presentation
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ELEMENT/GLE	ELAGSE 11-12SL5	Make strategic use of digital media (e.g., textual, graphical, audio, visual, and interactive elements) in presentations to enhance understanding of findings, reasoning, and evidence and to add interest.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  Family Presentation</p>

**STRAND/TOPIC 23.06700. Multicultural Literature**

STANDARD / DESCRIPTION		Language
ELEMENT		Vocabulary Acquisition and Use
ELEMENT/GLE	ELAGSE 11-12L4	Determine or clarify the meaning of unknown and multiple-meaning words and phrases based on grades 11-12 reading and content, choosing flexibly from a range of strategies.

EXPECTATION	ELAGSE1 1-12L4.a	Use context (e.g., the overall meaning of a sentence, paragraph, or text; a word's position or function in a sentence) as a clue to the meaning of a word or phrase.
		<p><b><u>Alliance to Save Energy</u></b>  9-12 Custodial Presentation &amp; Pledge  Assembly Announcement  Family Presentation  Staff Presentation</p>

EXPECTATION	ELAGSE 11-12L4.d	Verify the preliminary determination of the meaning of a word or phrase (e.g., by checking the inferred meaning in context or in a dictionary).
		<p><b><u>Alliance to Save Energy</u></b>  9-12 Custodial Presentation &amp; Pledge  Assembly Announcement  Family Presentation  Staff Presentation</p>

**STRAND/TOPIC 23.06700. Multicultural Literature**

STANDARD / DESCRIPTION		Language
ELEMENT		Vocabulary Acquisition and Use

ELEMENT/GLE	ELAGSE1 1-12L6	Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Custodial Presentation &amp; Pledge  9-12 Explore Renewables Energy Poster Project  Assembly Announcement  Carbon Footprint Journal  Family Presentation  Staff Presentation</p>

Grade: 12 - Adopted: 2019

**STRAND/TOPIC 23.05400. Technical College Readiness English**

STANDARD / DESCRIPTION		Reading Literary
ELEMENT		Range of Reading and Level of Text Complexity

ELEMENT/GLE ELAGSE1 By the end of grade 11, read and comprehend literature, including stories, dramas, and poems, in the grades 1-12-RL10 11-CCR text complexity band proficiently, with scaffolding as needed at the high end of the range. By the end of grade 12, read and comprehend literature, including stories dramas, and poems, in the grades 11-CCR text complexity band independently and proficiently.

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**STRAND/TOPIC 23.05400. Technical College Readiness English**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Key Ideas and Details</b>

ELEMENT/GLE ELAGSE1 Cite strong and thorough textual evidence to support analysis of what the text says explicitly as well as 1-12RI1 inferences drawn from the text, including determining where the text leaves matters uncertain.

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ELEMENT/GLE ELAGSE1 Determine two or more central ideas of a text and analyze their development over the course of the text, 11-12RI2 including how they interact and build on one another to provide a complex analysis; provide and objective summary of the text.

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**STRAND/TOPIC 23.05400. Technical College Readiness English**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Craft and Structure</b>

ELEMENT/GLE ELAGAE1 Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and 1-12RI4 technical meanings; analyze how an author uses and refines the meaning of a key term or terms over the courses of a text (e.g., how Madison defines faction in Federalist No. 10).

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**STRAND/TOPIC 23.05400. Technical College Readiness English**

<b>STANDARD / DESCRIPTION</b>		<b>Reading Informational</b>
<b>ELEMENT</b>		<b>Range of Reading and Level Text Complexity</b>

ELEMENT/GLE ELAGAE1 By the end of grade 12, read and comprehend literary nonfiction in the grades 11-CCR text complexity band 1-12RI10 independently and proficiently.

**Alliance to Save Energy**  
9-12 Custodial Presentation & Pledge  
Assembly Announcement  
Family Presentation  
Staff Presentation

**STRAND/TOPIC 23.05400. Technical College Readiness English**

STANDARD / DESCRIPTION	Writing
ELEMENT	Production and Distribution of Writing

ELEMENT/GLE ELAGSE1 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, 1-12W4 purpose, and audience.

**Alliance to Save Energy**  
6-12 Final Presentation & Peer Performance  
9-12 Custodial Presentation & Pledge  
9-12 Explore Renewables Energy Poster Project  
9-12 My Future Green Career  
Assembly Announcement  
Capstone Project  
Carbon Footprint Journal  
Staff Presentation

ELEMENT/GLE ELAGSE Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, 11-12W5 focusing on addressing what is most significant for a specific purpose and audience.

**Alliance to Save Energy**  
6-12 Final Presentation & Peer Performance  
9-12 Explore Renewables Energy Poster Project  
Assembly Announcement  
Capstone Project  
Carbon Footprint Journal  
Staff Presentation

**STRAND/TOPIC 23.05400. Technical College Readiness English**

STANDARD / DESCRIPTION	Writing
ELEMENT	Research to Build and Present Knowledge

ELEMENT/GLE ELAGSE1 Conduct short as well as more sustained research projects to answer a question (including a self-generate 1-12W7 question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.

**Alliance to Save Energy**  
9-12 Explore Renewables Energy Poster Project  
9-12 My Future Green Career  
Capstone Project

ELEMENT/GLE	ELAGSE 11-12W8	Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the strengths and limitations of each source in terms of the task, purpose, and audience; integrate information into the text selectively to maintain the flow of ideas, avoiding plagiarism and overreliance on any one source and following a standard format for citation.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
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ELEMENT/GLE	ELAGSE 11-12W9	Draw evidence from literary or informational texts to support analysis, reflection, and research.  <b><u>Alliance to Save Energy</u></b> Assembly Announcement Staff Presentation
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**STRAND/TOPIC 23.05400. Technical College Readiness English**

STANDARD / DESCRIPTION		Speaking and Listening
ELEMENT		Comprehension and Collaboration

ELEMENT/GLE	ELSGSE1 1-12SL2	Integrate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, orally) in order to make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting any discrepancies among the data.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
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**STRAND/TOPIC 23.05400. Technical College Readiness English**

STANDARD / DESCRIPTION		Language
ELEMENT		Conventions of Standard English

ELEMENT/GLE	ELAGSE1 1-12L6	Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening as the college and career readiness level; demonstrate independence in gathering vocabulary when considering a word or phrase important to comprehension or expression.  <b><u>Alliance to Save Energy</u></b> 9-12 Custodial Presentation & Pledge Assembly Announcement Family Presentation Staff Presentation
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Grade: 12 - Adopted: 2018

**STRAND/TOPIC 52.09200. Dramatic Writing (Film, Television, and Theatre I)**

STANDARD / DESCRIPTION		Creating (CR)
ELEMENT	TAHSTL .CR.2	Develop scripts through theatrical techniques.

ELEMENT/GLE	TAHSTL. CR.2.b	Present information, findings, and supporting evidence clearly, concisely, and logically such that listeners can follow the line of reasoning and the organization, development, substance, and style are appropriate to purpose, audience, and task.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge Assembly Announcement Capstone Project Staff Presentation
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**STRAND/TOPIC 52.09200. Dramatic Writing (Film, Television, and Theatre I)**

STANDARD / DESCRIPTION		Creating (CR)
ELEMENT	TAHSTL .CR.3	Produce clear and concise writing that includes the conventions of standard English grammar and usage.

ELEMENT/GLE	TAHSTL. CR.3.b	Develop original texts using theatre techniques (e.g. improvisation, adapting non-theatre literature, playwriting exercises).  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
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ELEMENT/GLE	TAHSTL. CR.3.e	Develop the topic with well-chosen, relevant, and sufficient facts, extended definitions, concrete details, quotations, or other information and examples appropriate to the audience's knowledge of the topic.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
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ELEMENT/GLE	TAHSTL. CR.3.k	Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Custodial Presentation & Pledge 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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ELEMENT/GLE	TAHSTL. CR.3.l	Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on addressing what is most significant for a specific purpose and audience.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 52.09200. Dramatic Writing (Film, Television, and Theatre I)**

STANDARD / DESCRIPTION		Responding (RE)
ELEMENT	TAHSTL .RE.1	Evaluate various aspects of dramatic arts literature using appropriate supporting evidence.

ELEMENT/GLE TAHSTL. RE.1.a Compare and summarize theatre literature from various historical periods, cultures, and styles.

**Alliance to Save Energy**  
 Assembly Announcement  
 Family Presentation  
 Staff Presentation

ELEMENT/GLE TAHSTL. RE.1.f Analyze a particular point of view or cultural experience reflected in a work of literature from outside the United States, drawing on a wide reading of world literature.

**Alliance to Save Energy**  
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**STRAND/TOPIC 52.09200. Dramatic Writing (Film, Television, and Theatre I)**

STANDARD / DESCRIPTION		Connecting (CN)
ELEMENT	TAHSTL .CN.1	Connect film, television, and theatre literature to its dramaturgical contexts and other disciplines.

ELEMENT/GLE TAHSTL. CN.1.d Identify the elements, influences, and contributions of other art forms and content areas to theatre literature.

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 Assembly Announcement  
 Family Presentation  
 Staff Presentation

ELEMENT/GLE TAHSTL. CN.1.e Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation.

**Alliance to Save Energy**  
 9-12 Explore Renewables Energy Poster Project  
 9-12 My Future Green Career  
 Capstone Project

ELEMENT/GLE TAHSTL. CN.1.f Gather relevant information from multiple authoritative print and digital sources, using advanced searches effectively; assess the usefulness of each source, answering the research question; integrate information into the text selectively to maintain the flow of ideas, avoid plagiarism and follow a standard format for citation.

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 9-12 Explore Renewables Energy Poster Project  
 9-12 My Future Green Career  
 Capstone Project

ELEMENT/GLE	TAHSTL. CN.1.g	Draw evidence from a variety of literary or informational texts of varying lengths and complexity to support analysis, reflection, and research.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
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ELEMENT/GLE	TAHSTL. CN.1.h	Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.03200. Journalism I**

STANDARD / DESCRIPTION	ELAGSE J.LE6	Develop a level of Information Literacy.
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ELEMENT	ELAGSE J.LE6.a	Confidently identify reliable sources across different mediums.  <b><u>Alliance to Save Energy</u></b> Capstone Project
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ELEMENT	ELAGSE J.LE6.c	Explore the relationship of content to audience, purpose, medium.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.03200. Journalism I**

STANDARD / DESCRIPTION	ELAGSE J.LE7	Gain and utilize a clear understanding of current technological aspects of digital resources including social media.
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ELEMENT	ELAGSE J.LE7.a	Understand how and when to use social media as a source including verification and obtaining permission.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Capstone Project
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ELEMENT	ELAGSE J.LE7.b	Recognize how your own use of social media affects your credibility as a journalist.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Capstone Project
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ELEMENT	ELAGSE J.LE7.c	Make a clear connection of the conflict between timeliness (being first) and accuracy (being correct).  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance Capstone Project
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**STRAND/TOPIC 23.03300. Journalism II**

STANDARD / DESCRIPTION	ELAGSE J.RW1	Recognize or make decisions for publication content through news analysis, surveys, research reports, statistical data, and/or audience feedback.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
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**STRAND/TOPIC 23.03300. Journalism II**

STANDARD / DESCRIPTION	ELAGSE J.RW2	<b>Produce content that meets professional and community standards (as defined by Hazelwood vs. Kuhlmeier 1988). All content will include:</b>
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ELEMENT	ELAGSE J.RW2.c	Clear and concise writing.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Carbon Footprint Journal Staff Presentation
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ELEMENT	ELAGSE J.RW2.d	Unbiased/unprejudiced information and materials.  <b><u>Alliance to Save Energy</u></b> Capstone Project
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ELEMENT	ELAGSE J.RW2.f	Suitability for the audience and alignment with the community standards.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Explore Renewables Energy Poster Project Assembly Announcement Capstone Project Carbon Footprint Journal Staff Presentation
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**STRAND/TOPIC 23.03300. Journalism II**

STANDARD / DESCRIPTION	ELAGSE J.RW3	<b>Identify and utilize print and nonprint information sources appropriate for given journalistic purposes.</b>
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ELEMENT	ELAGSE J.RW3.a	Synthesize information and ideas from multiple sources.  <b><u>Alliance to Save Energy</u></b> 9-12 Explore Renewables Energy Poster Project 9-12 My Future Green Career Capstone Project
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ELEMENT	ELAGSE J.RW3.b	Apply criteria (e.g. bias, authoritativeness) for evaluating and selecting information sources.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">Capstone Project</a>
ELEMENT	ELAGSE J.RW3.c	Appropriately attribute credit to all referenced sources.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">Capstone Project</a>
ELEMENT	ELAGSE J.RW3.e	Explore the appropriate use of unnamed sources.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">Capstone Project</a>

**STRAND/TOPIC 23.03300. Journalism II**

<b>STANDARD / DESCRIPTION</b>	<b>ELAGSE J.RW4</b>	<b>Develop and employ effective interview skills and practices.</b>
ELEMENT	ELAGSE J.RW4.a	Research background information for subject and source.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">Capstone Project</a>

**STRAND/TOPIC 23.03300. Journalism II**

<b>STANDARD / DESCRIPTION</b>	<b>ELAGSE J.RW5</b>	<b>Exhibit knowledge of the structure of journalistic writing.</b>
ELEMENT	ELAGSE J.RW5.a	Follow the stages of writing and editing as they apply to the production process.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">6-12 Final Presentation &amp; Peer Performance</a> <a href="#">9-12 Explore Renewables Energy Poster Project</a> <a href="#">Assembly Announcement</a> <a href="#">Carbon Footprint Journal</a> <a href="#">Staff Presentation</a>

**STRAND/TOPIC 23.03600. Journalism IV**

<b>STANDARD / DESCRIPTION</b>	<b>ELAGSE J.PMO1</b>	<b>Devise and carry out long-term and short-term plans and deadlines.</b>
ELEMENT	ELAGSE J.PMO1.b	Track progress toward deadlines, making adjustments as necessary.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">Capstone Project</a>
ELEMENT	ELAGSE J.PMO1.c	Demonstrate an understanding of the importance of developing a project from concept through completion.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">6-12 Final Presentation &amp; Peer Performance</a> <a href="#">9-12 Custodial Presentation &amp; Pledge</a> <a href="#">Assembly Announcement</a> <a href="#">Capstone Project</a>

ELEMENT	ELAGSE J.PMO1.d	Plan and model time management skills at both the individual and team levels.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">Capstone Project</a>
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ELEMENT	ELAGSE J.PMO1.e	Synthesize information from school calendars, publication staff strengths and weaknesses, and publication needs to structure class assignments.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Explore Renewables Energy Poster Project</a> <a href="#">9-12 My Future Green Career</a> <a href="#">Capstone Project</a>
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**Georgia Standards of Excellence**  
**Mathematics**  
Grade: 3 - Adopted: 2016

**STRAND/TOPIC 27.01400. Mathematics/Grade 3**

<b>STANDARD / DESCRIPTION</b>	<b>3.OA.</b>	<b>Operations and Algebraic Thinking</b>
<b>ELEMENT</b>		<b>Represent and solve problems involving multiplication and division.</b>

ELEMENT/GLE	MGSE3. OA.3	Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem. See Glossary: Multiplication and Division Within 100.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">3-5 Energy Audit Video</a> <a href="#">3-5 Shower Audit Calculations</a> <a href="#">Appliance Audit</a> <a href="#">Energy Patrol Contest</a> <a href="#">HVAC Audit</a> <a href="#">Home Energy Audit</a> <a href="#">Lighting Audit</a> <a href="#">School Audit</a>
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**STRAND/TOPIC 27.01400. Mathematics/Grade 3**

<b>STANDARD / DESCRIPTION</b>	<b>3.OA.</b>	<b>Operations and Algebraic Thinking</b>
<b>ELEMENT</b>		<b>Multiply and divide within 100</b>

ELEMENT/GLE	MGSE3. OA.7	Fluently multiply and divide within 100, using strategies such as the relationship between multiplication and division (e.g., knowing that $8 \times 5 = 40$ , one knows $40 \div 5 = 8$ ) or properties of operations. By the end of Grade 3, know from memory all products of two one-digit numbers.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">3-5 Energy Audit Video</a> <a href="#">3-5 Shower Audit Calculations</a> <a href="#">Appliance Audit</a> <a href="#">Energy Patrol Contest</a> <a href="#">HVAC Audit</a> <a href="#">Home Energy Audit</a> <a href="#">Lighting Audit</a> <a href="#">School Audit</a>
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**STRAND/TOPIC 27.01400. Mathematics/Grade 3**

<b>STANDARD / DESCRIPTION</b>	<b>3.OA.</b>	<b>Operations and Algebraic Thinking</b>
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<b>ELEMENT</b>		<b>Solve problems involving the four operations, and identify and explain patterns in arithmetic.</b>
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ELEMENT/GLE MGSE3.OA.8 Solve two-step word problems using the four operations. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.

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**STRAND/TOPIC 27.01400. Mathematics/Grade 3**

<b>STANDARD / DESCRIPTION</b>	<b>3.NBT.</b>	<b>Number and Operations in Base Ten</b>
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<b>ELEMENT</b>		<b>Use place value understanding and properties of operations to perform multi-digit arithmetic.</b>
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ELEMENT/GLE MGSE3.NBT.1 Use place value understanding to round whole numbers to the nearest 10 or 100.

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ELEMENT/GLE MGSE3.NBT.2 Fluently add and subtract within 1000 using strategies and algorithms based on place value, properties of operations, and/or the relationship between addition and subtraction.

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- [Appliance Audit](#)
- [Energy Patrol Contest](#)
- [HVAC Audit](#)
- [Home Energy Audit](#)
- [Lighting Audit](#)
- [School Audit](#)

**STRAND/TOPIC 27.01400. Mathematics/Grade 3**

<b>STANDARD / DESCRIPTION</b>	<b>3.NF.</b>	<b>Number and Operations – Fractions</b>
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<b>ELEMENT</b>		<b>Develop understanding of fractions as numbers.</b>
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ELEMENT/GLE MGSE3.NF.1 Understand a fraction  $1/b$  as the quantity formed by 1 part when a whole is partitioned into  $b$  equal parts (unit fraction); understand a fraction  $a/b$  as the quantity formed by  $a$  parts of size  $1/b$ . For example,  $3/4$  means there are three  $1/4$  parts, so  $3/4 = 1/4 + 1/4 + 1/4$ .

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- [3-5 Shower Audit Calculations](#)

**STRAND/TOPIC 27.01400. Mathematics/Grade 3**

<b>STANDARD / DESCRIPTION</b>	<b>3.NF.</b>	<b>Number and Operations – Fractions</b>
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<b>ELEMENT</b>		<b>Develop understanding of fractions as numbers.</b>
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ELEMENT/GLE MGSE3.NF.3 Explain equivalence of fractions through reasoning with visual fraction models. Compare fractions by reasoning about their size.

EXPECTATION MGSE3.N Express whole numbers as fractions, and recognize fractions that are equivalent to whole numbers. Examples: F.3c Express 3 in the form  $3 = 6/2$  (3 wholes is equal to six halves); recognize that  $3/1 = 3$ ; locate  $4/4$  and 1 at the same point of a number line diagram.

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**STRAND/TOPIC 27.01400. Mathematics/Grade 3**

<b>STANDARD / DESCRIPTION</b>	<b>3.MD.</b>	<b>Measurement and Data</b>
<b>ELEMENT</b>		<b>Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.</b>

ELEMENT/GLE MGSE3.MD.1 Tell and write time to the nearest minute and measure elapsed time intervals in minutes. Solve word problems involving addition and subtraction of time intervals in minutes, e.g., by representing the problem on a number line diagram, drawing a pictorial representation on a clock face, etc.

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[3-5 Energy Audit Video](#)

**Georgia Standards of Excellence  
 Mathematics  
 Grade: 4 - Adopted: 2016**

**STRAND/TOPIC 27.01500. Mathematics/Grade 4**

<b>STANDARD / DESCRIPTION</b>	<b>4.OA.</b>	<b>Operations and Algebraic Thinking</b>
<b>ELEMENT</b>		<b>Use the four operations with whole numbers to solve problems.</b>

ELEMENT/GLE MGSE4.OA.2 Multiply or divide to solve word problems involving multiplicative comparison. Use drawings and equations with a symbol or letter for the unknown number to represent the problem, distinguishing multiplicative comparison from additive comparison.

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ELEMENT/GLE MGSE4.OA.3 Solve multistep word problems with whole numbers and having whole-number answers using the four operations, including problems in which remainders must be interpreted. Represent these problems using equations with a symbol or letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.

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**STRAND/TOPIC 27.01500. Mathematics/Grade 4**

STANDARD / DESCRIPTION	4.NBT.	Number and Operations in Base Ten
ELEMENT		Generalize place value understanding for multi-digit whole numbers.
ELEMENT/GLE	MGSE4.N BT.2	Read and write multi-digit whole numbers using base-ten numerals, number names, and expanded form. Compare two multi-digit numbers based on meanings of the digits in each place, using $>$ , $=$ , and $<$ symbols to record the results of comparisons.  <b><u>Alliance to Save Energy</u></b> <a href="#">3-5 Shower Audit Calculations</a>

ELEMENT/GLE	MGSE4. NBT.3	Use place value understanding to round multi-digit whole numbers to any place.  <b><u>Alliance to Save Energy</u></b> <a href="#">3-5 Energy Audit Video</a>
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**STRAND/TOPIC 27.01500. Mathematics/Grade 4**

STANDARD / DESCRIPTION	4.NBT.	Number and Operations in Base Ten
ELEMENT		Use place value understanding and properties of operations to perform multi-digit arithmetic.
ELEMENT/GLE	MGSE4.N BT.4	Fluently add and subtract multi-digit whole numbers using the standard algorithm.  <b><u>Alliance to Save Energy</u></b> <a href="#">Appliance Audit</a> <a href="#">Energy Patrol Contest</a> <a href="#">HVAC Audit</a> <a href="#">Home Energy Audit</a> <a href="#">Lighting Audit</a> <a href="#">School Audit</a>

ELEMENT/GLE	MGSE4. NBT.5	Multiply a whole number of up to four digits by a one-digit whole number, and multiply two two-digit numbers, using strategies based on place value and the properties of operations. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.  <b><u>Alliance to Save Energy</u></b> <a href="#">3-5 Energy Audit Video</a> <a href="#">3-5 Shower Audit Calculations</a>
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ELEMENT/GLE	MGSE4. NBT.6	Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors, using strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models.  <b><u>Alliance to Save Energy</u></b> <a href="#">3-5 Energy Audit Video</a> <a href="#">Appliance Audit</a> <a href="#">Energy Patrol Contest</a> <a href="#">HVAC Audit</a> <a href="#">Home Energy Audit</a> <a href="#">Lighting Audit</a> <a href="#">School Audit</a>
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**STRAND/TOPIC 27.01500. Mathematics/Grade 4**

STANDARD / DESCRIPTION	4.NF.	Number and Operations – Fractions
ELEMENT		Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.

<b>ELEMENT/GLE</b>	<b>MGSE4.NF.4</b>	<b>Apply and extend previous understandings of multiplication to multiply a fraction by a whole number e.g., by using a visual such as a number line or area model.</b>
EXPECTATION	MGSE4.NF.4a	Understand a fraction $a/b$ as a multiple of $1/b$ . For example, use a visual fraction model to represent $5/4$ as the product $5 \times (1/4)$ , recording the conclusion by the equation $5/4 = 5 \times (1/4)$  <b><u>Alliance to Save Energy</u></b> <a href="#">3-5 Shower Audit Calculations</a>
EXPECTATION	MGSE4.NF.4b	Understand a multiple of $a/b$ as a multiple of $1/b$ , and use this understanding to multiply a fraction by a whole number. For example, use a visual fraction model to express $3 \times (2/5)$ as $6 \times (1/5)$ , recognizing this product as $6/5$ . (In general, $n \times (a/b) = (n \times a)/b$ .)  <b><u>Alliance to Save Energy</u></b> <a href="#">3-5 Shower Audit Calculations</a>
EXPECTATION	MGSE4.NF.4c	Solve word problems involving multiplication of a fraction by a whole number, e.g., by using visual fraction models and equations to represent the problem. For example, if each person at a party will eat $3/8$ of a pound of roast beef, and there will be 5 people at the party, how many pounds of roast beef will be needed? Between what two whole numbers does your answer lie?  <b><u>Alliance to Save Energy</u></b> <a href="#">3-5 Shower Audit Calculations</a>

**Georgia Standards of Excellence**  
**Mathematics**  
Grade: 5 - Adopted: 2016

**STRAND/TOPIC 27.01600. Mathematics/Grade 5**

<b>STANDARD / DESCRIPTION</b>	<b>5.NBT.</b>	<b>Number and Operations in Base Ten</b>
<b>ELEMENT</b>		<b>Perform operations with multi-digit whole numbers and with decimals to hundredths.</b>
ELEMENT/GLE	MGSE5.NBT.5	Fluently multiply multi-digit whole numbers using the standard algorithm (or other strategies demonstrating understanding of multiplication) up to a 3 digit by 2 digit factor.  <b><u>Alliance to Save Energy</u></b> <a href="#">3-5 Energy Audit Video</a> <a href="#">3-5 Shower Audit Calculations</a>
ELEMENT/GLE	MGSE5.NBT.6	Fluently divide up to 4-digit dividends and 2-digit divisors by using at least one of the following methods: strategies based on place value, the properties of operations, and/or the relationship between multiplication and division. Illustrate and explain the calculation by using equations or concrete models. (e.g., rectangular arrays, area models)  <b><u>Alliance to Save Energy</u></b> <a href="#">3-5 Energy Audit Video</a> <a href="#">Appliance Audit</a> <a href="#">Energy Patrol Contest</a> <a href="#">HVAC Audit</a> <a href="#">Home Energy Audit</a> <a href="#">Lighting Audit</a> <a href="#">School Audit</a>

**STRAND/TOPIC 27.01600. Mathematics/Grade 5**

<b>STANDARD / DESCRIPTION</b>	<b>5.NF.</b>	<b>Number and Operations – Fractions</b>
<b>ELEMENT</b>		<b>Use equivalent fractions as a strategy to add and subtract fractions.</b>

ELEMENT/GLE	MGSE5.N F.2	Solve word problems involving addition and subtraction of fractions, including cases of unlike denominators (e.g., by using visual fraction models or equations to represent the problem). Use benchmark fractions and number sense of fractions to estimate mentally and assess the reasonableness of answers. For example, recognize an incorrect result $2/5 + 1/2 = 3/7$ , by observing that $3/7 < 1/2$ .
<p align="center"><b><u>Alliance to Save Energy</u></b>  <a href="#">3-5 Shower Audit Calculations</a></p>		

**STRAND/TOPIC 27.01600. Mathematics/Grade 5**

<b>STANDARD / DESCRIPTION</b>	<b>5.NF.</b>	<b>Number and Operations – Fractions</b>
<b>ELEMENT</b>		<b>Apply and extend previous understandings of multiplication and division to multiply and divide fractions.</b>

ELEMENT/GLE	MGSE5.N F.3	Interpret a fraction as division of the numerator by the denominator ( $a/b = a \div b$ ). Solve word problems involving division of whole numbers leading to answers in the form of fractions or mixed numbers, e.g., by using visual fraction models or equations to represent the problem. Example: $3/5$ can be interpreted as “3 divided by 5 and as 3 shared by 5”.
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**STRAND/TOPIC 27.01600. Mathematics/Grade 5**

<b>STANDARD / DESCRIPTION</b>	<b>5.NF.</b>	<b>Number and Operations – Fractions</b>
<b>ELEMENT</b>		<b>Apply and extend previous understandings of multiplication and division to multiply and divide fractions.</b>

<b>ELEMENT/GLE</b>	<b>MGSE5.NF.4</b>	<b>Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction.</b>
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EXPECTATION	MGSE5.N F.4a	Apply and use understanding of multiplication to multiply a fraction or whole number by a fraction. Examples: $a/b \times q$ as $(a/b) \times (q/1)$ and $(a/b) \times (c/d) = (ac)/(bd)$
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EXPECTATION	MGSE5.NF.4b	Find the area of a rectangle with fractional side lengths by tiling it with unit squares of the appropriate unit fraction side lengths, and show that the area is the same as would be found by multiplying the side lengths.
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**STRAND/TOPIC 27.01600. Mathematics/Grade 5**

<b>STANDARD / DESCRIPTION</b>	<b>5.NF.</b>	<b>Number and Operations – Fractions</b>
<b>ELEMENT</b>		<b>Apply and extend previous understandings of multiplication and division to multiply and divide fractions.</b>

ELEMENT/GLE	MGSE5.N F.6	Solve real world problems involving multiplication of fractions and mixed numbers, e.g., by using visual fraction models or equations to represent the problem.
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**STRAND/TOPIC 27.02200. Mathematics/Grade 7**

<b>STANDARD / DESCRIPTION</b>	<b>7.NS</b>	<b>The Number System</b>
<b>ELEMENT</b>		<b>Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.</b>
<b>ELEMENT/GLE</b>	<b>MGSE7.NS.2</b>	<b>Apply and extend previous understandings of multiplication and division and of fractions to multiply and divide rational numbers.</b>
<b>EXPECTATION</b>	<b>MGSE7.NS.2a</b>	<p>iring that operations continue to satisfy the properties of operations, particularly the distributive property, leading to products such as <math>(-1)(-1)=1</math> and the rules for multiplying signed numbers. Interpret products of rational numbers by describing real-world contexts.</p> <p><b><u>Alliance to Save Energy</u></b> 6-12 Shower Audit Calculations</p>
<b>EXPECTATION</b>	<b>MGSE7.NS.2c</b>	<p>Apply properties of operations as strategies to multiply and divide rational numbers.</p> <p><b><u>Alliance to Save Energy</u></b> 6-12 Shower Audit Calculations</p>

**STRAND/TOPIC 27.02200. Mathematics/Grade 7**

<b>STANDARD / DESCRIPTION</b>	<b>7.NS</b>	<b>The Number System</b>
<b>ELEMENT</b>		<b>Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.</b>
<b>ELEMENT/GLE</b>	<b>MGSE7.NS.3</b>	Solve real-world and mathematical problems involving the four operations with rational numbers.
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**STRAND/TOPIC 27.02200. Mathematics/Grade 7**

<b>STANDARD / DESCRIPTION</b>	<b>7.EE</b>	<b>Expressions and Equations</b>
<b>ELEMENT</b>		<b>Solve real-life and mathematical problems using numerical and algebraic expressions and equations.</b>
<b>ELEMENT/GLE</b>	<b>MGSE7.EE.3</b>	Solve multistep real-life and mathematical problems posed with positive and negative rational numbers in any form (whole numbers, fractions, and decimals) by applying properties of operations as strategies to calculate with numbers, converting between forms as appropriate, and assessing the reasonableness of answers using mental computation and estimation strategies. For example: If a woman making \$25 an hour gets a 10% raise, she will make an additional $\frac{1}{10}$ of her salary an hour, or \$2.50, for a new salary of \$27.50; If you want to place a towel bar $9\frac{3}{4}$ inches long in the center of a door that is $27\frac{1}{2}$ inches wide, you will need to place the bar about 9 inches from each edge; this estimate can be used as a check on the exact computation.
		<b><u>Alliance to Save Energy</u></b> 6-12 Shower Audit Calculations

Georgia Standards of Excellence

Mathematics

Grade: 8 - Adopted: 2016

**STRAND/TOPIC 27.02300. Mathematics/Grade 8**

<b>STANDARD / DESCRIPTION</b>	<b>8.SP</b>	<b>Statistics and Probability</b>
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ELEMENT		Investigate patterns of association in bivariate data.
ELEMENT/GLE	MGSE8.SP.4	Understand that patterns of association can also be seen in bivariate categorical data by displaying frequencies and relative frequencies in a two-way table.

EXPECTATION MGSE8.S P.4a Construct and interpret a two-way table summarizing data on two categorical variables collected from the same subjects.

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Georgia Standards of Excellence

Mathematics

Grade: 9 - Adopted: 2016

**STRAND/TOPIC 27.04810. Foundations of Algebra**

STANDARD / DESCRIPTION		Number Sense and Quantity
ELEMENT		Students will compare different representations of numbers (i.e. fractions, decimals, radicals, etc.) and perform basic operations using these different representations.
ELEMENT/GLE	MFA.NS Q.1	Students will analyze number relationships.

EXPECTATION MFA.NS Q.1b Understand a fraction  $a/b$  as a multiple of  $1/b$ . (MGSE4.NF.4)

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**STRAND/TOPIC 27.04810. Foundations of Algebra**

STANDARD / DESCRIPTION		Number Sense and Quantity
ELEMENT		Students will compare different representations of numbers (i.e. fractions, decimals, radicals, etc.) and perform basic operations using these different representations.
ELEMENT/GLE	MFA.NS Q.4	Students will apply and extend previous understanding of addition, subtraction, multiplication, and division.

EXPECTATION MFA.NS Q.4b Find sums, differences, products, and quotients of all forms of rational numbers, stressing the conceptual understanding of these operations. (MGSE7.NS.1,2)

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EXPECTATION MFA.NS Q.4d Illustrate and explain calculations using models and line diagrams. (MGSE7.NS.1,2)

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**STRAND/TOPIC 27.09900. Algebra I**

STANDARD / DESCRIPTION		Interpreting Categorical and Quantitative Data
ELEMENT		Summarize, represent, and interpret data on two categorical and quantitative variables

ELEMENT/GLE	MGSE9-12.S.ID.5	Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.
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**STRAND/TOPIC 27.09940. Accelerated Algebra I/Geometry A**

STANDARD / DESCRIPTION		Interpreting Categorical and Quantitative Data
ELEMENT		Summarize, represent, and interpret data on two categorical and quantitative variables

ELEMENT/GLE	MGSE9-12.S.ID.5	Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.
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**STRAND/TOPIC 27.09710. Coordinate Algebra**

STANDARD / DESCRIPTION		Interpreting Categorical and Quantitative Data
ELEMENT		Summarize, represent, and interpret data on two categorical and quantitative variables

ELEMENT/GLE	MGSE9-12.S.ID.5	Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.
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**STRAND/TOPIC 27.09750. Accelerated Coordinate Algebra/Analytic Geometry A**

STANDARD / DESCRIPTION		Interpreting Categorical and Quantitative Data
ELEMENT		Summarize, represent, and interpret data on two categorical and quantitative variables

ELEMENT/GLE	MGSE9-12.S.ID.5	Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.
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**STRAND/TOPIC 27.09910. Geometry**

STANDARD / DESCRIPTION		Conditional Probability and the Rules of Probability
ELEMENT		Understand independence and conditional probability and use them to interpret data

ELEMENT/GLE	MGSE9-12.S.CP.4	Construct and interpret two-way frequency tables of data when two categories are associated with each object being classified. Use the two-way table as a sample space to decide if events are independent and to approximate conditional probabilities. For example, use collected data from a random sample of students in your school on their favorite subject among math, science, and English. Estimate the probability that a randomly selected student from your school will favor science given that the student is in tenth grade. Do the same for other subjects and compare the results.
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**STRAND/TOPIC 27.09950. Accelerated Geometry B/Algebra II**

STANDARD / DESCRIPTION		Conditional Probability and the Rules of Probability
ELEMENT		Understand independence and conditional probability and use them to interpret data

ELEMENT/GLE	MGSE9-12.S.CP.4	Construct and interpret two-way frequency tables of data when two categories are associated with each object being classified. Use the two-way table as a sample space to decide if events are independent and to approximate conditional probabilities. For example, use collected data from a random sample of students in your school on their favorite subject among math, science, and English. Estimate the probability that a randomly selected student from your school will favor science given that the student is in tenth grade. Do the same for other subjects and compare the results.
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**STRAND/TOPIC 27.09720. Analytic Geometry**

STANDARD / DESCRIPTION		Conditional Probability and the Rules of Probability
ELEMENT		Understand independence and conditional probability and use them to interpret data

ELEMENT/GLE	MGSE9-12.S.CP.4	Construct and interpret two-way frequency tables of data when two categories are associated with each object being classified. Use the two-way table as a sample space to decide if events are independent and to approximate conditional probabilities. For example, use collected data from a random sample of students in your school on their favorite subject among math, science, and English. Estimate the probability that a randomly selected student from your school will favor science given that the student is in tenth grade. Do the same for other subjects and compare the results.
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**STRAND/TOPIC 27.09760. Accelerated Analytic Geometry B/Advanced Algebra**

STANDARD / DESCRIPTION		Conditional Probability and the Rules of Probability
ELEMENT		Understand independence and conditional probability and use them to interpret data

ELEMENT/GLE	MGSE9-12.S.CP.4	Construct and interpret two-way frequency tables of data when two categories are associated with each object being classified. Use the two-way table as a sample space to decide if events are independent and to approximate conditional probabilities. For example, use collected data from a random sample of students in your school on their favorite subject among math, science, and English. Estimate the probability that a randomly selected student from your school will favor science given that the student is in tenth grade. Do the same for other subjects and compare the results.
<p style="text-align: center;"><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Energy Audit Video</a></p>		

**STRAND/TOPIC 27.08500. Advanced Mathematical Decision Making**

STANDARD / DESCRIPTION		NUMBER AND OPERATIONS - Students will extend their understanding and use of ratios, proportions to solve problems involving in decision making.
ELEMENT	MAMDM. N.1	Students will extend the understanding of proportional reasoning, ratios, rates, and percents by applying them to various settings to include business, media, and consumerism.

ELEMENT/GLE MAMDM. Understand and use averages, weighted averages, and indices.  
N.1b

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**STRAND/TOPIC 27.08500. Advanced Mathematical Decision Making**

STANDARD / DESCRIPTION		Process Standards - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.
ELEMENT	MAMDM. P.3	Students will communicate mathematically.

ELEMENT/GLE MAMDM. Use the language of mathematics to express mathematical ideas precisely.  
P.3d

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**STRAND/TOPIC 27.08600. Mathematics of Industry and Government**

STANDARD / DESCRIPTION		PROCESS STANDARDS - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.
ELEMENT	MMIG.P. 3	Students will communicate mathematically.

ELEMENT/GLE MMIG.P.3 Use the language of mathematics to express mathematical ideas precisely.  
d

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**STRAND/TOPIC 27.08800. Statistical Reasoning**

STANDARD / DESCRIPTION		Formulate Questions - Students will formulate questions to clarify the problem at hand and formulate one (or more) questions that can be answered with data.
ELEMENT	MSR.FQ .1	Students will apply the statistical method to real-world situations.

ELEMENT/GLE	MSR.FQ.1b	Collect data by designing a plan to collect appropriate data and employ the plan to collect the data.  <b>Alliance to Save Energy</b> 9-12 Energy Audit Video Appliance Audit Energy Patrol Contest HVAC Audit Home Energy Audit Lighting Audit School Audit
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**STRAND/TOPIC 27.08800. Statistical Reasoning**

STANDARD / DESCRIPTION		Analyze Data - Students will select appropriate graphical and numerical methods and use these methods to analyze the data.
ELEMENT	MSR.AD.3	Students will determine if an association exists between two variables (pattern or trend in bivariate data) and use values of one variable to predict values of another variable. Students will analyze associations between variables and make predictions from one variable to another.
ELEMENT/GLE	MSR.AD.3a	Analyze associations between two variables.

EXPECTATION	MSR.AD.3a.ii	Create two-way tables for two-variable categorical data.  <b>Alliance to Save Energy</b> Appliance Audit Energy Patrol Contest HVAC Audit Home Energy Audit Lighting Audit School Audit
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**STRAND/TOPIC 27.08700. Mathematics of Finance**

STANDARD / DESCRIPTION		<b>PROCESS STANDARDS - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.</b>
ELEMENT	MMF.P.3	Students will communicate mathematically.

ELEMENT/GLE	MMF.P.3a	Use the language of mathematics to express mathematical ideas precisely.  <b>Alliance to Save Energy</b> 6-12 Shower Audit Calculations 9-12 Energy Audit Video Appliance Audit Energy Patrol Contest HVAC Audit Home Energy Audit Lighting Audit School Audit
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**STRAND/TOPIC 27.09000. Technical College Readiness Mathematics**

STANDARD / DESCRIPTION		<b>Number Sense</b>
ELEMENT		Students will analyze rational numbers using place value and will perform all basic operations using these numbers without the use of a calculator.

ELEMENT/GLE	MTCR.NS .2	Students will perform mathematical operations involving all forms of positive, rational numbers, including the use of order of operations. (MFANSQ4)
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ELEMENT/GLE	MTCR.N S.5	Students will apply their knowledge of rational numbers to solve application problems involving all forms of these numbers, including the use of the mean, greatest common factor, and least common multiple. (MFAPR2, MGSE9-12.N.Q.3)
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Shower Audit Calculations</a>  <a href="#">9-12 Energy Audit Video</a>  <a href="#">Appliance Audit</a>  <a href="#">Energy Patrol Contest</a>  <a href="#">HVAC Audit</a>  <a href="#">Home Energy Audit</a>  <a href="#">Lighting Audit</a>  <a href="#">School Audit</a></p>

**STRAND/TOPIC 27.07700. Multivariable Calculus**

STANDARD / DESCRIPTION		<b>Process Standards - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.</b>
ELEMENT		<b>Students will communicate mathematically.</b>

ELEMENT/GLE	MMC.P.3 d	Use the language of mathematics to express mathematical ideas precisely.
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**STRAND/TOPIC 27.08000. Engineering Calculus**

STANDARD / DESCRIPTION		<b>PROCESS STANDARDS - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.</b>
ELEMENT		<b>Students will represent mathematics in multiple ways.</b>

ELEMENT/GLE	MEC.PS. 4a	Create and use representations to organize, record, and communicate mathematical ideas.
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**STRAND/TOPIC 27.05200. History of Mathematics**

STANDARD / DESCRIPTION		Process Standards - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.
ELEMENT	MHM.P.3	Students will communicate mathematically.

ELEMENT/GLE      MHM.P.3      Use the language of mathematics to express mathematical ideas precisely.  
d

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**STRAND/TOPIC 27.08900. College Readiness Mathematics**

STANDARD / DESCRIPTION		Interpreting Categorical and Quantitative Data
ELEMENT		Summarize, represent, and interpret data on two categorical and quantitative variables

ELEMENT/GLE      MGSE9-12.S.ID.5      Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.

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Georgia Standards of Excellence

Mathematics

Grade: 10 - Adopted: 2016

**STRAND/TOPIC 27.04810. Foundations of Algebra**

STANDARD / DESCRIPTION		Number Sense and Quantity
ELEMENT		Students will compare different representations of numbers (i.e. fractions, decimals, radicals, etc.) and perform basic operations using these different representations.
ELEMENT/GLE	MFA.NS Q.1	Students will analyze number relationships.

EXPECTATION      MFA.NS Q.1b      Understand a fraction  $a/b$  as a multiple of  $1/b$ . (MGSE4.NF.4)

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**STRAND/TOPIC 27.04810. Foundations of Algebra**

STANDARD / DESCRIPTION		Number Sense and Quantity
ELEMENT		Students will compare different representations of numbers (i.e. fractions, decimals, radicals, etc.) and perform basic operations using these different representations.
ELEMENT/GLE	MFA.NS Q.4	Students will apply and extend previous understanding of addition, subtraction, multiplication, and division.

EXPECTATION	MFA.NS Q.4b	Find sums, differences, products, and quotients of all forms of rational numbers, stressing the conceptual understanding of these operations. (MGSE7.NS.1,2)
		<b><u>Alliance to Save Energy</u></b> <a href="#">6-12 Shower Audit Calculations</a>

EXPECTATION	MFA.NS Q.4d	Illustrate and explain calculations using models and line diagrams. (MGSE7.NS.1,2)
		<b><u>Alliance to Save Energy</u></b> <a href="#">6-12 Shower Audit Calculations</a>

**STRAND/TOPIC 27.09900. Algebra I**

STANDARD / DESCRIPTION		Interpreting Categorical and Quantitative Data
ELEMENT		Summarize, represent, and interpret data on two categorical and quantitative variables
ELEMENT/GLE	MGSE9-12.S.ID.5	Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.
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**STRAND/TOPIC 27.09940. Accelerated Algebra I/Geometry A**

STANDARD / DESCRIPTION		Interpreting Categorical and Quantitative Data
ELEMENT		Summarize, represent, and interpret data on two categorical and quantitative variables
ELEMENT/GLE	MGSE9-12.S.ID.5	Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.
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**STRAND/TOPIC 27.09710. Coordinate Algebra**

STANDARD / DESCRIPTION		Interpreting Categorical and Quantitative Data
ELEMENT		Summarize, represent, and interpret data on two categorical and quantitative variables
ELEMENT/GLE	MGSE9-12.S.ID.5	Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.
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**STRAND/TOPIC 27.09750. Accelerated Coordinate Algebra/Analytic Geometry A**

STANDARD / DESCRIPTION		Interpreting Categorical and Quantitative Data
ELEMENT		Summarize, represent, and interpret data on two categorical and quantitative variables

ELEMENT/GLE	MGSE9-12.S.ID.5	Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.
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**STRAND/TOPIC 27.09910. Geometry**

STANDARD / DESCRIPTION		Conditional Probability and the Rules of Probability
ELEMENT		Understand independence and conditional probability and use them to interpret data

ELEMENT/GLE	MGSE9-12.S.CP.4	Construct and interpret two-way frequency tables of data when two categories are associated with each object being classified. Use the two-way table as a sample space to decide if events are independent and to approximate conditional probabilities. For example, use collected data from a random sample of students in your school on their favorite subject among math, science, and English. Estimate the probability that a randomly selected student from your school will favor science given that the student is in tenth grade. Do the same for other subjects and compare the results.
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**STRAND/TOPIC 27.09950. Accelerated Geometry B/Algebra II**

STANDARD / DESCRIPTION		Conditional Probability and the Rules of Probability
ELEMENT		Understand independence and conditional probability and use them to interpret data

ELEMENT/GLE	MGSE9-12.S.CP.4	Construct and interpret two-way frequency tables of data when two categories are associated with each object being classified. Use the two-way table as a sample space to decide if events are independent and to approximate conditional probabilities. For example, use collected data from a random sample of students in your school on their favorite subject among math, science, and English. Estimate the probability that a randomly selected student from your school will favor science given that the student is in tenth grade. Do the same for other subjects and compare the results.
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**STRAND/TOPIC 27.09720. Analytic Geometry**

STANDARD / DESCRIPTION		Conditional Probability and the Rules of Probability
ELEMENT		Understand independence and conditional probability and use them to interpret data

ELEMENT/GLE	MGSE9-12.S.CP.4	Construct and interpret two-way frequency tables of data when two categories are associated with each object being classified. Use the two-way table as a sample space to decide if events are independent and to approximate conditional probabilities. For example, use collected data from a random sample of students in your school on their favorite subject among math, science, and English. Estimate the probability that a randomly selected student from your school will favor science given that the student is in tenth grade. Do the same for other subjects and compare the results.
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**STRAND/TOPIC 27.09760. Accelerated Analytic Geometry B/Advanced Algebra**

STANDARD / DESCRIPTION		Conditional Probability and the Rules of Probability
ELEMENT		Understand independence and conditional probability and use them to interpret data

ELEMENT/GLE	MGSE9-12.S.CP.4	Construct and interpret two-way frequency tables of data when two categories are associated with each object being classified. Use the two-way table as a sample space to decide if events are independent and to approximate conditional probabilities. For example, use collected data from a random sample of students in your school on their favorite subject among math, science, and English. Estimate the probability that a randomly selected student from your school will favor science given that the student is in tenth grade. Do the same for other subjects and compare the results.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Energy Audit Video</a></p>

**STRAND/TOPIC 27.08500. Advanced Mathematical Decision Making**

STANDARD / DESCRIPTION		<b>NUMBER AND OPERATIONS - Students will extend their understanding and use of ratios, proportions to solve problems involving in decision making.</b>
ELEMENT	MAMDM.N.1	<b>Students will extend the understanding of proportional reasoning, ratios, rates, and percents by applying them to various settings to include business, media, and consumerism.</b>

ELEMENT/GLE	MAMDM.N.1b	Understand and use averages, weighted averages, and indices.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Energy Audit Video</a>  <a href="#">Appliance Audit</a>  <a href="#">Energy Patrol Contest</a>  <a href="#">HVAC Audit</a>  <a href="#">Home Energy Audit</a>  <a href="#">Lighting Audit</a>  <a href="#">School Audit</a></p>

**STRAND/TOPIC 27.08500. Advanced Mathematical Decision Making**

STANDARD / DESCRIPTION		<b>Process Standards - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.</b>
ELEMENT	MAMDM.P.3	<b>Students will communicate mathematically.</b>

ELEMENT/GLE	MAMDM.P.3d	Use the language of mathematics to express mathematical ideas precisely.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Shower Audit Calculations</a>  <a href="#">9-12 Energy Audit Video</a>  <a href="#">Appliance Audit</a>  <a href="#">Energy Patrol Contest</a>  <a href="#">HVAC Audit</a>  <a href="#">Home Energy Audit</a>  <a href="#">Lighting Audit</a>  <a href="#">School Audit</a></p>

**STRAND/TOPIC 27.08600. Mathematics of Industry and Government**

STANDARD / DESCRIPTION		<b>PROCESS STANDARDS - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.</b>
ELEMENT	MMIG.P.3	<b>Students will communicate mathematically.</b>

ELEMENT/GLE MMIG.P.3 Use the language of mathematics to express mathematical ideas precisely.  
d

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**STRAND/TOPIC 27.08800. Statistical Reasoning**

STANDARD / DESCRIPTION		<b>Formulate Questions - Students will formulate questions to clarify the problem at hand and formulate one (or more) questions that can be answered with data.</b>
ELEMENT	MSR.FQ.1	<b>Students will apply the statistical method to real-world situations.</b>

ELEMENT/GLE MSR.FQ.1b Collect data by designing a plan to collect appropriate data and employ the plan to collect the data.

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**STRAND/TOPIC 27.08800. Statistical Reasoning**

STANDARD / DESCRIPTION		<b>Analyze Data - Students will select appropriate graphical and numerical methods and use these methods to analyze the data.</b>
ELEMENT	MSR.AD.3	<b>Students will determine if an association exists between two variables (pattern or trend in bivariate data) and use values of one variable to predict values of another variable. Students will analyze associations between variables and make predictions from one variable to another.</b>
ELEMENT/GLE	MSR.AD.3a	<b>Analyze associations between two variables.</b>

EXPECTATION MSR.AD.3a.ii Create two-way tables for two-variable categorical data.

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**STRAND/TOPIC 27.08700. Mathematics of Finance**

STANDARD / DESCRIPTION		<b>PROCESS STANDARDS - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.</b>
ELEMENT	MMF.P.3	<b>Students will communicate mathematically.</b>

ELEMENT/GLE MMF.P.3 Use the language of mathematics to express mathematical ideas precisely.  
d

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Energy Patrol Contest  
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Home Energy Audit  
Lighting Audit  
School Audit

**STRAND/TOPIC 27.09000. Technical College Readiness Mathematics**

STANDARD / DESCRIPTION	Number Sense
ELEMENT	Students will analyze rational numbers using place value and will perform all basic operations using these numbers without the use of a calculator.

ELEMENT/GLE MTCR.NS Students will perform mathematical operations involving all forms of positive, rational numbers, including the  
.2 use of order of operations. (MFANSQ4)

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ELEMENT/GLE MTCR.N Students will apply their knowledge of rational numbers to solve application problems involving all forms of  
S.5 these numbers, including the use of the mean, greatest common factor, and least common multiple. (MFAPR2, MGSE9-12.N.Q.3)

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School Audit

**STRAND/TOPIC 27.07700. Multivariable Calculus**

STANDARD / DESCRIPTION	Process Standards - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.
ELEMENT	Students will communicate mathematically.

ELEMENT/GLE MMC.P.3 Use the language of mathematics to express mathematical ideas precisely.  
d

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Energy Patrol Contest  
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Home Energy Audit  
Lighting Audit  
School Audit

**STRAND/TOPIC 27.08000. Engineering Calculus**

STANDARD / DESCRIPTION		PROCESS STANDARDS - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.
ELEMENT		Students will represent mathematics in multiple ways.

ELEMENT/GLE MEC.PS. 4a Create and use representations to organize, record, and communicate mathematical ideas.

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**STRAND/TOPIC 27.05200. History of Mathematics**

STANDARD / DESCRIPTION		Process Standards - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.
ELEMENT	MHM.P.3	Students will communicate mathematically.

ELEMENT/GLE MHM.P.3 d Use the language of mathematics to express mathematical ideas precisely.

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**STRAND/TOPIC 27.08900. College Readiness Mathematics**

STANDARD / DESCRIPTION		Interpreting Categorical and Quantitative Data
ELEMENT		Summarize, represent, and interpret data on two categorical and quantitative variables

ELEMENT/GLE MGSE9-12.S.ID.5 Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.

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Georgia Standards of Excellence  
**Mathematics**  
 Grade: 11 - Adopted: 2016

**STRAND/TOPIC 27.04810. Foundations of Algebra**

STANDARD / DESCRIPTION		Number Sense and Quantity
ELEMENT		Students will compare different representations of numbers (i.e. fractions, decimals, radicals, etc.) and perform basic operations using these different representations.

ELEMENT/GLE	MFA.NS Q.1	Students will analyze number relationships.
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EXPECTATION	MFA.NS Q.1b	Understand a fraction $a/b$ as a multiple of $1/b$ . (MGSE4.NF.4)  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">6-12 Shower Audit Calculations</a>
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**STRAND/TOPIC 27.04810. Foundations of Algebra**

STANDARD / DESCRIPTION		Number Sense and Quantity
ELEMENT		Students will compare different representations of numbers (i.e. fractions, decimals, radicals, etc.) and perform basic operations using these different representations.

ELEMENT/GLE	MFA.NS Q.4	Students will apply and extend previous understanding of addition, subtraction, multiplication, and division.
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EXPECTATION	MFA.NS Q.4b	Find sums, differences, products, and quotients of all forms of rational numbers, stressing the conceptual understanding of these operations. (MGSE7.NS.1,2)  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">6-12 Shower Audit Calculations</a>
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EXPECTATION	MFA.NS Q.4d	Illustrate and explain calculations using models and line diagrams. (MGSE7.NS.1,2)  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">6-12 Shower Audit Calculations</a>
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**STRAND/TOPIC 27.09900. Algebra I**

STANDARD / DESCRIPTION		Interpreting Categorical and Quantitative Data
ELEMENT		Summarize, represent, and interpret data on two categorical and quantitative variables

ELEMENT/GLE	MGSE9-12.S.ID.5	Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Energy Audit Video</a>
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**STRAND/TOPIC 27.09940. Accelerated Algebra I/Geometry A**

STANDARD / DESCRIPTION		Interpreting Categorical and Quantitative Data
ELEMENT		Summarize, represent, and interpret data on two categorical and quantitative variables

ELEMENT/GLE	MGSE9-12.S.ID.5	Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Energy Audit Video</a>
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**STRAND/TOPIC 27.09710. Coordinate Algebra**

STANDARD / DESCRIPTION		Interpreting Categorical and Quantitative Data
ELEMENT		Summarize, represent, and interpret data on two categorical and quantitative variables

ELEMENT/GLE	MGSE9-12.S.ID.5	Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.
<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Energy Audit Video</a></p>		

**STRAND/TOPIC 27.09750. Accelerated Coordinate Algebra/Analytic Geometry A**

STANDARD / DESCRIPTION		Interpreting Categorical and Quantitative Data
ELEMENT		Summarize, represent, and interpret data on two categorical and quantitative variables

ELEMENT/GLE	MGSE9-12.S.ID.5	Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.
<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Energy Audit Video</a></p>		

**STRAND/TOPIC 27.09910. Geometry**

STANDARD / DESCRIPTION		Conditional Probability and the Rules of Probability
ELEMENT		Understand independence and conditional probability and use them to interpret data

ELEMENT/GLE	MGSE9-12.S.CP.4	Construct and interpret two-way frequency tables of data when two categories are associated with each object being classified. Use the two-way table as a sample space to decide if events are independent and to approximate conditional probabilities. For example, use collected data from a random sample of students in your school on their favorite subject among math, science, and English. Estimate the probability that a randomly selected student from your school will favor science given that the student is in tenth grade. Do the same for other subjects and compare the results.
<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Energy Audit Video</a></p>		

**STRAND/TOPIC 27.09950. Accelerated Geometry B/Algebra II**

STANDARD / DESCRIPTION		Conditional Probability and the Rules of Probability
ELEMENT		Understand independence and conditional probability and use them to interpret data

ELEMENT/GLE	MGSE9-12.S.CP.4	Construct and interpret two-way frequency tables of data when two categories are associated with each object being classified. Use the two-way table as a sample space to decide if events are independent and to approximate conditional probabilities. For example, use collected data from a random sample of students in your school on their favorite subject among math, science, and English. Estimate the probability that a randomly selected student from your school will favor science given that the student is in tenth grade. Do the same for other subjects and compare the results.
<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Energy Audit Video</a></p>		

**STRAND/TOPIC 27.09720. Analytic Geometry**

STANDARD / DESCRIPTION		Conditional Probability and the Rules of Probability
ELEMENT		Understand independence and conditional probability and use them to interpret data

ELEMENT/GLE	MGSE9-12.S.CP.4	Construct and interpret two-way frequency tables of data when two categories are associated with each object being classified. Use the two-way table as a sample space to decide if events are independent and to approximate conditional probabilities. For example, use collected data from a random sample of students in your school on their favorite subject among math, science, and English. Estimate the probability that a randomly selected student from your school will favor science given that the student is in tenth grade. Do the same for other subjects and compare the results.
<p style="text-align: center;"><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Energy Audit Video</a></p>		

**STRAND/TOPIC 27.09760. Accelerated Analytic Geometry B/Advanced Algebra**

STANDARD / DESCRIPTION		<b>Conditional Probability and the Rules of Probability</b>
ELEMENT		<b>Understand independence and conditional probability and use them to interpret data</b>

ELEMENT/GLE	MGSE9-12.S.CP.4	Construct and interpret two-way frequency tables of data when two categories are associated with each object being classified. Use the two-way table as a sample space to decide if events are independent and to approximate conditional probabilities. For example, use collected data from a random sample of students in your school on their favorite subject among math, science, and English. Estimate the probability that a randomly selected student from your school will favor science given that the student is in tenth grade. Do the same for other subjects and compare the results.
<p style="text-align: center;"><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Energy Audit Video</a></p>		

**STRAND/TOPIC 27.08500. Advanced Mathematical Decision Making**

STANDARD / DESCRIPTION		<b>NUMBER AND OPERATIONS - Students will extend their understanding and use of ratios, proportions to solve problems involving in decision making.</b>
ELEMENT	MAMDM.N.1	<b>Students will extend the understanding of proportional reasoning, ratios, rates, and percents by applying them to various settings to include business, media, and consumerism.</b>

ELEMENT/GLE	MAMDM.N.1b	Understand and use averages, weighted averages, and indices.
<p style="text-align: center;"><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Energy Audit Video</a>  <a href="#">Appliance Audit</a>  <a href="#">Energy Patrol Contest</a>  <a href="#">HVAC Audit</a>  <a href="#">Home Energy Audit</a>  <a href="#">Lighting Audit</a>  <a href="#">School Audit</a></p>		

**STRAND/TOPIC 27.08500. Advanced Mathematical Decision Making**

STANDARD / DESCRIPTION		<b>Process Standards - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.</b>
ELEMENT	MAMDM.P.3	<b>Students will communicate mathematically.</b>

ELEMENT/GLE MAMDM. Use the language of mathematics to express mathematical ideas precisely.  
P.3d

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**STRAND/TOPIC 27.08600. Mathematics of Industry and Government**

<b>STANDARD / DESCRIPTION</b>		<b>PROCESS STANDARDS - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.</b>
<b>ELEMENT</b>	<b>MMIG.P.3</b>	<b>Students will communicate mathematically.</b>

ELEMENT/GLE MMIG.P.3 Use the language of mathematics to express mathematical ideas precisely.  
d

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**STRAND/TOPIC 27.08800. Statistical Reasoning**

<b>STANDARD / DESCRIPTION</b>		<b>Formulate Questions - Students will formulate questions to clarify the problem at hand and formulate one (or more) questions that can be answered with data.</b>
<b>ELEMENT</b>	<b>MSR.FQ.1</b>	<b>Students will apply the statistical method to real-world situations.</b>

ELEMENT/GLE MSR.FQ. Collect data by designing a plan to collect appropriate data and employ the plan to collect the data.  
1b

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**STRAND/TOPIC 27.08800. Statistical Reasoning**

<b>STANDARD / DESCRIPTION</b>		<b>Analyze Data - Students will select appropriate graphical and numerical methods and use these methods to analyze the data.</b>
<b>ELEMENT</b>	<b>MSR.AD.3</b>	<b>Students will determine if an association exists between two variables (pattern or trend in bivariate data) and use values of one variable to predict values of another variable. Students will analyze associations between variables and make predictions from one variable to another.</b>
<b>ELEMENT/GLE</b>	<b>MSR.AD.3a</b>	<b>Analyze associations between two variables.</b>

EXPECTATION MSR.AD. 3a.ii Create two-way tables for two-variable categorical data.

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**STRAND/TOPIC 27.08700. Mathematics of Finance**

STANDARD / DESCRIPTION		<b>PROCESS STANDARDS - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.</b>
ELEMENT	MMF.P.3	<b>Students will communicate mathematically.</b>

ELEMENT/GLE MMF.P.3 d Use the language of mathematics to express mathematical ideas precisely.

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**STRAND/TOPIC 27.09000. Technical College Readiness Mathematics**

STANDARD / DESCRIPTION		<b>Number Sense</b>
ELEMENT		<b>Students will analyze rational numbers using place value and will perform all basic operations using these numbers without the use of a calculator.</b>

ELEMENT/GLE MTCR.NS .2 Students will perform mathematical operations involving all forms of positive, rational numbers, including the use of order of operations. (MFANSQ4)

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ELEMENT/GLE MTCR.N S.5 Students will apply their knowledge of rational numbers to solve application problems involving all forms of these numbers, including the use of the mean, greatest common factor, and least common multiple. (MFAPR2, MGSE9-12.N.Q.3)

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**STRAND/TOPIC 27.07700. Multivariable Calculus**

STANDARD / DESCRIPTION		<b>Process Standards - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.</b>
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ELEMENT		Students will communicate mathematically.
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ELEMENT/GLE    MMC.P.3    Use the language of mathematics to express mathematical ideas precisely.  
d

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**STRAND/TOPIC 27.08000. Engineering Calculus**

STANDARD / DESCRIPTION		PROCESS STANDARDS - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.
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ELEMENT		Students will represent mathematics in multiple ways.
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ELEMENT/GLE    MEC.PS.    Create and use representations to organize, record, and communicate mathematical ideas.  
4a

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**STRAND/TOPIC 27.05200. History of Mathematics**

STANDARD / DESCRIPTION		Process Standards - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.
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ELEMENT	MHM.P.3	Students will communicate mathematically.
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ELEMENT/GLE    MHM.P.3    Use the language of mathematics to express mathematical ideas precisely.  
d

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**STRAND/TOPIC 27.08900. College Readiness Mathematics**

STANDARD / DESCRIPTION		Interpreting Categorical and Quantitative Data
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ELEMENT		Summarize, represent, and interpret data on two categorical and quantitative variables
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ELEMENT/GLE	MGSE9-12.S.ID.5	Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.
		<b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Energy Audit Video</a>

**Georgia Standards of Excellence  
Mathematics  
Grade: 12 - Adopted: 2016**

**STRAND/TOPIC 27.04810. Foundations of Algebra**

STANDARD / DESCRIPTION		Number Sense and Quantity
ELEMENT		Students will compare different representations of numbers (i.e. fractions, decimals, radicals, etc.) and perform basic operations using these different representations.
ELEMENT/GLE	MFA.NS Q.1	Students will analyze number relationships.

EXPECTATION	MFA.NS Q.1b	Understand a fraction $a/b$ as a multiple of $1/b$ . (MGSE4.NF.4)
		<b><u>Alliance to Save Energy</u></b> <a href="#">6-12 Shower Audit Calculations</a>

**STRAND/TOPIC 27.04810. Foundations of Algebra**

STANDARD / DESCRIPTION		Number Sense and Quantity
ELEMENT		Students will compare different representations of numbers (i.e. fractions, decimals, radicals, etc.) and perform basic operations using these different representations.
ELEMENT/GLE	MFA.NS Q.4	Students will apply and extend previous understanding of addition, subtraction, multiplication, and division.

EXPECTATION	MFA.NS Q.4b	Find sums, differences, products, and quotients of all forms of rational numbers, stressing the conceptual understanding of these operations. (MGSE7.NS.1,2)
		<b><u>Alliance to Save Energy</u></b> <a href="#">6-12 Shower Audit Calculations</a>

EXPECTATION	MFA.NS Q.4d	Illustrate and explain calculations using models and line diagrams. (MGSE7.NS.1,2)
		<b><u>Alliance to Save Energy</u></b> <a href="#">6-12 Shower Audit Calculations</a>

**STRAND/TOPIC 27.09900. Algebra I**

STANDARD / DESCRIPTION		Interpreting Categorical and Quantitative Data
ELEMENT		Summarize, represent, and interpret data on two categorical and quantitative variables

ELEMENT/GLE	MGSE9-12.S.ID.5	Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.
		<b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Energy Audit Video</a>

**STRAND/TOPIC 27.09940. Accelerated Algebra I/Geometry A**

<b>STANDARD / DESCRIPTION</b>		<b>Interpreting Categorical and Quantitative Data</b>
<b>ELEMENT</b>		<b>Summarize, represent, and interpret data on two categorical and quantitative variables</b>

ELEMENT/GLE MGSE9-12.S.ID.5 Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.

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**STRAND/TOPIC 27.09710. Coordinate Algebra**

<b>STANDARD / DESCRIPTION</b>		<b>Interpreting Categorical and Quantitative Data</b>
<b>ELEMENT</b>		<b>Summarize, represent, and interpret data on two categorical and quantitative variables</b>

ELEMENT/GLE MGSE9-12.S.ID.5 Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.

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**STRAND/TOPIC 27.09750. Accelerated Coordinate Algebra/Analytic Geometry A**

<b>STANDARD / DESCRIPTION</b>		<b>Interpreting Categorical and Quantitative Data</b>
<b>ELEMENT</b>		<b>Summarize, represent, and interpret data on two categorical and quantitative variables</b>

ELEMENT/GLE MGSE9-12.S.ID.5 Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.

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**STRAND/TOPIC 27.09910. Geometry**

<b>STANDARD / DESCRIPTION</b>		<b>Conditional Probability and the Rules of Probability</b>
<b>ELEMENT</b>		<b>Understand independence and conditional probability and use them to interpret data</b>

ELEMENT/GLE MGSE9-12.S.CP.4 Construct and interpret two-way frequency tables of data when two categories are associated with each object being classified. Use the two-way table as a sample space to decide if events are independent and to approximate conditional probabilities. For example, use collected data from a random sample of students in your school on their favorite subject among math, science, and English. Estimate the probability that a randomly selected student from your school will favor science given that the student is in tenth grade. Do the same for other subjects and compare the results.

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**STRAND/TOPIC 27.09950. Accelerated Geometry B/Algebra II**

<b>STANDARD / DESCRIPTION</b>		<b>Conditional Probability and the Rules of Probability</b>
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<b>ELEMENT</b>		<b>Understand independence and conditional probability and use them to interpret data</b>
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ELEMENT/GLE MGSE9-12.S.CP.4 Construct and interpret two-way frequency tables of data when two categories are associated with each object being classified. Use the two-way table as a sample space to decide if events are independent and to approximate conditional probabilities. For example, use collected data from a random sample of students in your school on their favorite subject among math, science, and English. Estimate the probability that a randomly selected student from your school will favor science given that the student is in tenth grade. Do the same for other subjects and compare the results.

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**STRAND/TOPIC 27.09720. Analytic Geometry**

<b>STANDARD / DESCRIPTION</b>		<b>Conditional Probability and the Rules of Probability</b>
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<b>ELEMENT</b>		<b>Understand independence and conditional probability and use them to interpret data</b>
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ELEMENT/GLE MGSE9-12.S.CP.4 Construct and interpret two-way frequency tables of data when two categories are associated with each object being classified. Use the two-way table as a sample space to decide if events are independent and to approximate conditional probabilities. For example, use collected data from a random sample of students in your school on their favorite subject among math, science, and English. Estimate the probability that a randomly selected student from your school will favor science given that the student is in tenth grade. Do the same for other subjects and compare the results.

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**STRAND/TOPIC 27.09760. Accelerated Analytic Geometry B/Advanced Algebra**

<b>STANDARD / DESCRIPTION</b>		<b>Conditional Probability and the Rules of Probability</b>
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<b>ELEMENT</b>		<b>Understand independence and conditional probability and use them to interpret data</b>
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ELEMENT/GLE MGSE9-12.S.CP.4 Construct and interpret two-way frequency tables of data when two categories are associated with each object being classified. Use the two-way table as a sample space to decide if events are independent and to approximate conditional probabilities. For example, use collected data from a random sample of students in your school on their favorite subject among math, science, and English. Estimate the probability that a randomly selected student from your school will favor science given that the student is in tenth grade. Do the same for other subjects and compare the results.

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**STRAND/TOPIC 27.08500. Advanced Mathematical Decision Making**

<b>STANDARD / DESCRIPTION</b>		<b>NUMBER AND OPERATIONS - Students will extend their understanding and use of ratios, proportions to solve problems involving in decision making.</b>
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<b>ELEMENT</b>	<b>MAMDM.N.1</b>	<b>Students will extend the understanding of proportional reasoning, ratios, rates, and percents by applying them to various settings to include business, media, and consumerism.</b>
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ELEMENT/GLE MAMDM.N.1b Understand and use averages, weighted averages, and indices.

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[School Audit](#)

**STRAND/TOPIC 27.08500. Advanced Mathematical Decision Making**

<b>STANDARD / DESCRIPTION</b>		<b>Process Standards - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.</b>
<b>ELEMENT</b>	<b>MAMDM. P.3</b>	<b>Students will communicate mathematically.</b>

ELEMENT/GLE MAMDM. P.3d Use the language of mathematics to express mathematical ideas precisely.

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- Home Energy Audit
- Lighting Audit
- School Audit

**STRAND/TOPIC 27.08600. Mathematics of Industry and Government**

<b>STANDARD / DESCRIPTION</b>		<b>PROCESS STANDARDS - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.</b>
<b>ELEMENT</b>	<b>MMIG.P.3</b>	<b>Students will communicate mathematically.</b>

ELEMENT/GLE MMIG.P.3d Use the language of mathematics to express mathematical ideas precisely.

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**STRAND/TOPIC 27.08800. Statistical Reasoning**

<b>STANDARD / DESCRIPTION</b>		<b>Formulate Questions - Students will formulate questions to clarify the problem at hand and formulate one (or more) questions that can be answered with data.</b>
<b>ELEMENT</b>	<b>MSR.FQ .1</b>	<b>Students will apply the statistical method to real-world situations.</b>

ELEMENT/GLE MSR.FQ. 1b Collect data by designing a plan to collect appropriate data and employ the plan to collect the data.

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**STRAND/TOPIC 27.08800. Statistical Reasoning**

<b>STANDARD / DESCRIPTION</b>		<b>Analyze Data - Students will select appropriate graphical and numerical methods and use these methods to analyze the data.</b>
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ELEMENT	MSR.AD.3	Students will determine if an association exists between two variables (pattern or trend in bivariate data) and use values of one variable to predict values of another variable. Students will analyze associations between variables and make predictions from one variable to another.
ELEMENT/GLE	MSR.AD.3a	Analyze associations between two variables.

EXPECTATION MSR.AD.3a.ii Create two-way tables for two-variable categorical data.

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**STRAND/TOPIC 27.08700. Mathematics of Finance**

STANDARD / DESCRIPTION		PROCESS STANDARDS - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.
ELEMENT	MMF.P.3	Students will communicate mathematically.

ELEMENT/GLE MMF.P.3d Use the language of mathematics to express mathematical ideas precisely.

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**STRAND/TOPIC 27.09000. Technical College Readiness Mathematics**

STANDARD / DESCRIPTION		Number Sense
ELEMENT		Students will analyze rational numbers using place value and will perform all basic operations using these numbers without the use of a calculator.

ELEMENT/GLE MTCR.NS.2 Students will perform mathematical operations involving all forms of positive, rational numbers, including the use of order of operations. (MFANSQ4)

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ELEMENT/GLE MTCR.NS.5 Students will apply their knowledge of rational numbers to solve application problems involving all forms of these numbers, including the use of the mean, greatest common factor, and least common multiple. (MFAPR2, MGSE9-12.N.Q.3)

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**STRAND/TOPIC 27.07700. Multivariable Calculus**

<b>STANDARD / DESCRIPTION</b>		<b>Process Standards - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.</b>
<b>ELEMENT</b>		<b>Students will communicate mathematically.</b>

ELEMENT/GLE MMC.P.3 Use the language of mathematics to express mathematical ideas precisely.  
d

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**STRAND/TOPIC 27.08000. Engineering Calculus**

<b>STANDARD / DESCRIPTION</b>		<b>PROCESS STANDARDS - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.</b>
<b>ELEMENT</b>		<b>Students will represent mathematics in multiple ways.</b>

ELEMENT/GLE MEC.PS. Create and use representations to organize, record, and communicate mathematical ideas.  
4a

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**STRAND/TOPIC 27.05200. History of Mathematics**

<b>STANDARD / DESCRIPTION</b>		<b>Process Standards - The following process standards are essential to mastering each of the mathematics content standards. They emphasize critical dimensions of the mathematical proficiency that all students need.</b>
<b>ELEMENT</b>	<b>MHM.P.3</b>	<b>Students will communicate mathematically.</b>

ELEMENT/GLE MHM.P.3 Use the language of mathematics to express mathematical ideas precisely.  
d

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**STRAND/TOPIC 27.08900. College Readiness Mathematics**

<b>STANDARD / DESCRIPTION</b>		<b>Interpreting Categorical and Quantitative Data</b>
<b>ELEMENT</b>		<b>Summarize, represent, and interpret data on two categorical and quantitative variables</b>

ELEMENT/GLE MGSE9-12.S.ID.5 Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data.

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**Georgia Standards of Excellence**  
**Science**  
Grade: **K** - Adopted: **2016**

**STRAND/TOPIC**      **Earth and Space Science**

<b>STANDARD / DESCRIPTION</b>	<b>SKE2.</b>	<b>Obtain, evaluate, and communicate information to describe the physical attributes of earth materials (soil, rocks, water, and air).</b>
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ELEMENT SKE2.a. Ask questions to identify and describe earth materials—soil, rocks, water, and air.

[Alliance to Save Energy](#)  
[How Are Energy & Water Related? \(Home\)](#)  
[How Are Energy & Water Related? \(School\)](#)

**Georgia Standards of Excellence**  
**Science**  
Grade: **2** - Adopted: **2016**

**STRAND/TOPIC**      **Earth and Space Science**

<b>STANDARD / DESCRIPTION</b>	<b>S2E3.</b>	<b>Obtain, evaluate, and communicate information about how weather, plants, animals, and humans cause changes to the environment.</b>
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ELEMENT S2E3.b. Construct an explanation of the causes and effects of a change to the environment in your community.

[Alliance to Save Energy](#)  
[What is Sustainability? \(Home\)](#)  
[What is Sustainability? \(School\)](#)

**Georgia Standards of Excellence**  
**Science**  
Grade: **3** - Adopted: **2016**

**STRAND/TOPIC**      **Physical Science**

<b>STANDARD / DESCRIPTION</b>	<b>S3P1.</b>	<b>Obtain, evaluate, and communicate information about the ways heat energy is transferred and measured.</b>
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ELEMENT S3P1.b. Plan and carry out an investigation to gather data using thermometers to produce tables and charts that illustrate the effect of sunlight on various objects.

[Alliance to Save Energy](#)  
[3-5 Energy Audit Video](#)

**STRAND/TOPIC**      **Life Science**

<b>STANDARD / DESCRIPTION</b>	<b>S3L2.</b>	<b>Obtain, evaluate, and communicate information about the effects of pollution (air, land, and water) and humans on the environment.</b>
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ELEMENT	S3L2.a.	Ask questions to collect information and create records of sources and effects of pollution on the plants and animals.  <b><u>Alliance to Save Energy</u></b> <a href="#">3-5 Explore Renewables Video</a>
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ELEMENT	S3L2.b.	Explore, research, and communicate solutions, such as conservation of resources and recycling of materials, to protect plants and animals.  <b><u>Alliance to Save Energy</u></b> <a href="#">3-5 Carbon Rank Competition</a> <a href="#">3-5 Climate Video</a> <a href="#">3-5 Energy Audit Video</a> <a href="#">3-5 Energy Basics Video</a> <a href="#">3-5 Environmental Justice Video</a> <a href="#">3-5 Explore Renewables Video</a> <a href="#">3-5 Final Presentation &amp; Peer Performance</a> <a href="#">3-5 Green Your Career Video</a> <a href="#">3-5 My Future Green Career</a> <a href="#">3-5 Understanding Energy Demand Video</a> <a href="#">3-8 Custodial Presentation &amp; Pledge</a> <a href="#">3-8 Water Audit</a> <a href="#">Amelia Airflow 3-5</a> <a href="#">Appliance Audit</a> <a href="#">Assembly Announcement</a> <a href="#">Carbon Footprint Calculator</a> <a href="#">Carbon Footprint Journal</a> <a href="#">Energy Patrol Contest</a> <a href="#">Family Presentation</a> <a href="#">Green Career Guest Speaker</a> <a href="#">HVAC Audit</a> <a href="#">Home Energy Audit</a> <a href="#">Home Energy Demand Pledge</a> <a href="#">Lighting Audit</a> <a href="#">My Future Green Career Presentation</a> <a href="#">Poster Campaign</a> <a href="#">School Audit</a> <a href="#">Shutdown Reminders</a> <a href="#">Staff Presentation</a> <a href="#">Water Awareness Posters</a> <a href="#">Water Saving Awareness</a>
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**Georgia Standards of Excellence**

**Science**

Grade: 4 - Adopted: 2016

**STRAND/TOPIC**                      **Earth and Space Science**

<b>STANDARD / DESCRIPTION</b>	<b>S4E4.</b>	<b>Obtain, evaluate, and communicate information to predict weather events and infer weather patterns using weather charts/maps and collected weather data.</b>
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ELEMENT	S4E4.d.	Construct an explanation based on research to communicate the difference between weather and climate.  <b><u>Alliance to Save Energy</u></b> <a href="#">3-5 Climate Video</a>
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**Georgia Standards of Excellence**

**Science**

Grade: 5 - Adopted: 2016

**STRAND/TOPIC**                      **Physical Science**

<b>STANDARD / DESCRIPTION</b>	<b>S5P2.</b>	<b>Obtain, evaluate, and communicate information to investigate electricity.</b>
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ELEMENT	S5P2.a.	Obtain and combine information from multiple sources to explain the difference between naturally occurring electricity (static) and human-harnessed electricity.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">3-5 Energy Audit Video</a>  <a href="#">3-5 Energy Basics Video</a>  <a href="#">3-5 Explore Renewables Video</a>  <a href="#">3-5 Understanding Energy Demand Video</a></p>

**Georgia Standards of Excellence  
Science  
Grade: 6 - Adopted: 2016**

**STRAND/TOPIC                      Earth and Space Science**

STANDARD / DESCRIPTION	S6E4.	Obtain, evaluate, and communicate information about how the sun, land, and water affect climate and weather.
ELEMENT	S6E4.a.	Analyze and interpret data to compare and contrast the composition of Earth's atmospheric layers (including the ozone layer) and greenhouse gases.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-8 Climate Video</a>  <a href="#">6-8 Energy Basics Video</a>  <a href="#">6-8 Explore Renewables Video</a>  <a href="#">Carbon Footprint Calculator</a></p>

ELEMENT	S6E4.b.	Plan and carry out an investigation to demonstrate how energy from the sun transfers heat to air, land and water at different rates.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-8 Climate Video</a></p>

**STRAND/TOPIC                      Earth and Space Science**

STANDARD / DESCRIPTION	S6E6.	Obtain, evaluate, and communicate information about the uses and conservation of various natural resources and how they impact the Earth.
ELEMENT	S6E6.a.	Ask questions to determine the differences between renewable/sustainable energy resources (examples: hydro, solar, wind, geothermal, tidal, biomass) and nonrenewable energy resources (examples: nuclear: uranium, fossil fuels: oil, coal, and natural gas), and how they are used in our everyday lives.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-8 Climate Video</a>  <a href="#">6-8 Energy Basics Video</a>  <a href="#">6-8 Explore Renewables Energy Poster Project</a>  <a href="#">6-8 Explore Renewables Video</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Calculator</a>  <a href="#">Family Presentation</a>  <a href="#">Staff Presentation</a></p>

ELEMENT	S6E6.b.	Design and evaluate solutions for sustaining the quality and supply of natural resources such as water, soil, and air.  <b>Alliance to Save Energy</b> 3-8 Custodial Presentation & Pledge 3-8 Water Audit 6-12 Final Presentation & Peer Performance 6-8 Carbon Rank Competition 6-8 Climate Video 6-8 Energy Audit Video 6-8 Energy Basics Video 6-8 Environmental Justice Video 6-8 Explore Renewables Video 6-8 Green Your Career Video 6-8 My Future Green Career 6-8 Understanding Energy Demand Video Amelia Airflow 6-8 Appliance Audit Assembly Announcement Carbon Footprint Calculator Carbon Footprint Journal Energy Patrol Contest Family Presentation HVAC Audit Home Energy Audit Home Energy Demand Pledge Lighting Audit Mr. BTU 6-8 My Future Green Career Presentation Net Zero School Design Poster Campaign School Audit Shutdown Reminders Staff Presentation Water Awareness Posters Water Saving Awareness
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ELEMENT	S6E6.c.	Construct an argument evaluating contributions to the rise in global temperatures over the past century.  <b>Alliance to Save Energy</b> 6-8 Climate Video 6-8 Energy Basics Video 6-8 Explore Renewables Video Carbon Footprint Calculator
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**Georgia Standards of Excellence**  
**Science**  
Grade: 8 - Adopted: 2016

**STRAND/TOPIC**

**Physical Science**

<b>STANDARD / DESCRIPTION</b>	<b>S8P2.</b>	<b>Obtain, evaluate, and communicate information about the law of conservation of energy to develop arguments that energy can transform from one form to another within a system.</b>
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ELEMENT	S8P2.c.	Construct an argument to support a claim about the type of energy transformations within a system [e.g., lighting a match (light to heat), turning on a light (electrical to light)].  <b>Alliance to Save Energy</b> 6-8 Explore Renewables Video
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ELEMENT	S8P2.d.	Plan and carry out investigations on the effects of heat transfer on molecular motion as it relates to the collision of atoms (conduction), through space (radiation), or in currents in a liquid or a gas (convection).
<p><b><u>Alliance to Save Energy</u></b>  <a href="#">Mr. BTU 6-8</a></p>		

**STRAND/TOPIC Physical Science**

<b>STANDARD / DESCRIPTION</b>	<b>S8P5.</b>	<b>Obtain, evaluate, and communicate information about gravity, electricity, and magnetism as major forces acting in nature.</b>
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ELEMENT	S8P5.c.	Plan and carry out investigations to identify the factors (e.g., distance between objects, magnetic force produced by an electromagnet with varying number of wire turns, varying number or size of dry cells, and varying size of iron core) that affect the strength of electric and magnetic forces.
<p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-8 Energy Audit Video</a>  <a href="#">6-8 Energy Basics Video</a></p>		

**Georgia Standards of Excellence  
 Science  
 Grade: 9 - Adopted: 2016**

**STRAND/TOPIC 26.01200. Biology**

<b>STANDARD / DESCRIPTION</b>	<b>SB5.</b>	<b>Obtain, evaluate, and communicate information to assess the interdependence of all organisms on one another and their environment.</b>
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ELEMENT	SB5.a.	Plan and carry out investigations and analyze data to support explanations about factors affecting biodiversity and populations in ecosystems.
<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Carbon Rank Competition</a>  <a href="#">9-12 Climate Video</a>  <a href="#">9-12 Custodial Presentation &amp; Pledge</a>  <a href="#">9-12 Energy Basics Video</a>  <a href="#">9-12 Environmental Justice Video</a>  <a href="#">9-12 Green Your Career Video</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Calculator</a>  <a href="#">Family Presentation</a>  <a href="#">Staff Presentation</a></p>		

**STRAND/TOPIC 26.01200. Biology**

<b>STANDARD / DESCRIPTION</b>	<b>SB5.</b>	<b>Obtain, evaluate, and communicate information to assess the interdependence of all organisms on one another and their environment.</b>
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ELEMENT	SB5.c.	Construct an argument to predict the impact of environmental change on the stability of an ecosystem.
<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Climate Video</a></p>		

ELEMENT	SB5.d.	Design a solution to reduce the impact of a human activity on the environment.
		<p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Carbon Rank Competition  9-12 Climate Video  9-12 Custodial Presentation &amp; Pledge  9-12 Energy Basics Video  9-12 Environmental Justice Video  9-12 Green Your Career Video  9-12 My Future Green Career  Assembly Announcement  Capstone Project  Carbon Footprint Journal  Family Presentation  Green Future Design  Home Energy Demand Pledge  My Future Green Career Presentation  Shutdown Reminders  Staff Presentation</p>

**STRAND/TOPIC 40.06400 Earth Systems**

STANDARD / DESCRIPTION	SES1.	Obtain, evaluate, and communicate information to investigate the composition and formation of Earth systems, including the Earth's place in the solar system.
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ELEMENT	SES1.b.	Ask questions to evaluate evidence for the development and composition of Earth's early systems, including the geosphere (crust, mantle and core), hydrosphere and atmosphere.
		<p><b><u>Alliance to Save Energy</u></b>  9-12 Climate Video</p>

**STRAND/TOPIC 40.06400 Earth Systems**

STANDARD / DESCRIPTION	SES5.	Obtain, evaluate, and communicate information to investigate the interaction of solar energy and Earth's systems to produce weather and climate.
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ELEMENT	SES5.a.	Develop and use models to explain how latitudinal variations in solar heating create differences in air pressure, global wind patterns, and ocean currents that redistribute heat globally.
		<p><b><u>Alliance to Save Energy</u></b>  9-12 Climate Video</p>

ELEMENT	SES5.d.	Analyze and interpret data to show how temperature and precipitation produce the pattern of climate regions (zones) on Earth.
		<p><b><u>Alliance to Save Energy</u></b>  9-12 Climate Video</p>

ELEMENT	SES5.e.	Construct an explanation that describes the conditions that generate extreme weather events (e.g., hurricanes, tornadoes, and thunderstorms) and the hazards associated with these events.
		<p><b><u>Alliance to Save Energy</u></b>  9-12 Climate Video</p>

ELEMENT	SES5.f.	Construct an argument relating changes in global climate to variation to Earth/sun relationships and atmospheric composition.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Climate Video</a>  <a href="#">9-12 Energy Basics Video</a>  <a href="#">9-12 Explore Renewables Video</a>  <a href="#">Carbon Footprint Calculator</a></p>

**STRAND/TOPIC 40.06400 Earth Systems**

<b>STANDARD / DESCRIPTION</b>	<b>SES6.</b>	<b>Obtain, evaluate, and communicate information about how life on Earth responds to and shapes Earth's systems.</b>
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ELEMENT	SES6.c.	Ask questions to investigate and communicate how humans depend on Earth's land and water resources, which are distributed unevenly around the planet as a result of past geological and environmental processes.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Energy Basics Video</a>  <a href="#">9-12 Explore Renewables Video</a></p>

ELEMENT	SES6.d.	Analyze and interpret data that relates changes in global climate to natural and anthropogenic modification of Earth's atmosphere and oceans.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Climate Video</a>  <a href="#">9-12 Energy Basics Video</a>  <a href="#">9-12 Explore Renewables Video</a>  <a href="#">Carbon Footprint Calculator</a></p>

**STRAND/TOPIC 26.06110. Environmental Science**

<b>STANDARD / DESCRIPTION</b>	<b>SEV1.</b>	<b>Obtain, evaluate, and communicate information to investigate the flow of energy and cycling of matter within an ecosystem.</b>
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ELEMENT	SEV1.e.	Plan and carry out an investigation of how chemical and physical properties impact aquatic biomes in Georgia.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Climate Video</a></p>

**STRAND/TOPIC 26.06110. Environmental Science**

<b>STANDARD / DESCRIPTION</b>	<b>SEV2.</b>	<b>Obtain, evaluate, and communicate information to construct explanations of stability and change in Earth's ecosystems.</b>
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ELEMENT	SEV2.a.	Analyze and interpret data related to short-term and long-term natural cyclic fluctuations associated with climate change.
		<p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Climate Video</a>  <a href="#">9-12 Energy Basics Video</a>  <a href="#">Carbon Footprint Calculator</a></p>

ELEMENT	SEV2.b.	Analyze and interpret data to determine how changes in atmospheric chemistry (carbon dioxide and methane) impact the greenhouse effect.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a> <a href="#">Carbon Footprint Calculator</a>
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**STRAND/TOPIC 26.06110. Environmental Science**

STANDARD / DESCRIPTION	SEV3.	Obtain, evaluate, and communicate information to evaluate types, availability, allocation, and sustainability of energy resources.
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ELEMENT	SEV3.a.	Analyze and interpret data to communicate information on the origin and consumption of renewable forms of energy (wind, solar, geothermal, biofuel, and tidal) and non-renewable energy sources (fossil fuels and nuclear energy).  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Energy Poster Project</a> <a href="#">9-12 Explore Renewables Video</a> <a href="#">Assembly Announcement</a> <a href="#">Carbon Footprint Calculator</a> <a href="#">Family Presentation</a> <a href="#">Staff Presentation</a>
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ELEMENT	SEV3.b.	Construct an argument based on data about the risks and benefits of renewable and nonrenewable energy sources.  <b><u>Alliance to Save Energy</u></b> <a href="#">6-12 Final Presentation &amp; Peer Performance</a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Custodial Presentation &amp; Pledge</a> <a href="#">9-12 Energy Audit Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Environmental Justice Video</a> <a href="#">9-12 Explore Renewables Energy Poster Project</a> <a href="#">9-12 Explore Renewables Video</a> <a href="#">9-12 Understanding Energy Demand Video</a> <a href="#">Assembly Announcement</a> <a href="#">Carbon Footprint Calculator</a> <a href="#">Family Presentation</a> <a href="#">Staff Presentation</a>
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ELEMENT	SEV3.c.	Obtain, evaluate, and communicate data to predict the sustainability potential of renewable and non-renewable energy resources.  <b><u>Alliance to Save Energy</u></b> <a href="#">6-12 Final Presentation &amp; Peer Performance</a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Custodial Presentation &amp; Pledge</a> <a href="#">9-12 Energy Audit Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Environmental Justice Video</a> <a href="#">9-12 Explore Renewables Energy Poster Project</a> <a href="#">9-12 Explore Renewables Video</a> <a href="#">9-12 Understanding Energy Demand Video</a> <a href="#">Assembly Announcement</a> <a href="#">Carbon Footprint Calculator</a> <a href="#">Family Presentation</a> <a href="#">Staff Presentation</a>
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ELEMENT SEV3.d. Design and defend a sustainable energy plan based on scientific principles for your location.

**Alliance to Save Energy**

- 6-12 Final Presentation & Peer Performance
- 9-12 Carbon Rank Competition
- 9-12 Climate Video
- 9-12 Custodial Presentation & Pledge
- 9-12 Energy Audit Video
- 9-12 Energy Basics Video
- 9-12 Environmental Justice Video
- 9-12 Explore Renewables Energy Poster Project
- 9-12 Explore Renewables Video
- 9-12 Green Your Career Video
- 9-12 My Future Green Career
- 9-12 Understanding Energy Demand Video
- Amelia Airflow 9-12
- Appliance Audit
- Assembly Announcement
- Capstone Project
- Carbon Footprint Calculator
- Carbon Footprint Journal
- Energy Patrol Contest
- Family Presentation
- Green Future Design
- HVAC Audit
- Home Energy Audit
- Home Energy Demand Pledge
- Lighting Audit
- Mr. BAS
- Mr. BTU 9-12
- My Future Green Career Presentation
- Poster Campaign
- School Audit
- Shutdown Reminders
- Staff Presentation

**STRAND/TOPIC 26.06110. Environmental Science**

<b>STANDARD / DESCRIPTION</b>	<b>SEV4.</b>	<b>Obtain, evaluate, and communicate information to analyze human impact on natural resources.</b>
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ELEMENT SEV4.a. Construct and revise a claim based on evidence on the effects of human activities on natural resources.

**Alliance to Save Energy**

6-12 Final Presentation & Peer Performance  
9-12 Carbon Rank Competition  
9-12 Climate Video  
9-12 Custodial Presentation & Pledge  
9-12 Energy Audit Video  
9-12 Energy Basics Video  
9-12 Environmental Justice Video  
9-12 Explore Renewables Energy Poster Project  
9-12 Explore Renewables Video  
9-12 Green Your Career Video  
9-12 My Future Green Career  
9-12 Understanding Energy Demand Video  
Amelia Airflow 9-12  
Appliance Audit  
Assembly Announcement  
Capstone Project  
Carbon Footprint Calculator  
Carbon Footprint Journal  
Energy Patrol Contest  
Family Presentation  
Green Future Design  
HVAC Audit  
Home Energy Audit  
Home Energy Demand Pledge  
Lighting Audit  
Mr. BAS  
Mr. BTU 9-12  
My Future Green Career Presentation  
Poster Campaign  
School Audit  
Shutdown Reminders  
Staff Presentation

ELEMENT	SEV4.b.	<p>Design, evaluate, and refine solutions to reduce human impact on the environment including, but not limited to, smog, ozone depletion, urbanization, and ocean acidification.</p> <p><b><u>Alliance to Save Energy</u></b></p> <p>6-12 Final Presentation &amp; Peer Performance</p> <p>9-12 Carbon Rank Competition</p> <p>9-12 Climate Video</p> <p>9-12 Custodial Presentation &amp; Pledge</p> <p>9-12 Energy Audit Video</p> <p>9-12 Energy Basics Video</p> <p>9-12 Environmental Justice Video</p> <p>9-12 Explore Renewables Energy Poster Project</p> <p>9-12 Explore Renewables Video</p> <p>9-12 Green Your Career Video</p> <p>9-12 My Future Green Career</p> <p>9-12 Understanding Energy Demand Video</p> <p>9-12 Water Audit</p> <p>Amelia Airflow 9-12</p> <p>Appliance Audit</p> <p>Assembly Announcement</p> <p>Capstone Project</p> <p>Carbon Footprint Calculator</p> <p>Carbon Footprint Journal</p> <p>Energy Patrol Contest</p> <p>Family Presentation</p> <p>Green Future Design</p> <p>HVAC Audit</p> <p>Home Energy Audit</p> <p>Home Energy Demand Pledge</p> <p>Lighting Audit</p> <p>Mr. BAS</p> <p>Mr. BTU 9-12</p> <p>My Future Green Career Presentation</p> <p>Poster Campaign</p> <p>School Audit</p> <p>Shutdown Reminders</p> <p>Staff Presentation</p> <p>Water Awareness Posters</p> <p>Water Saving Awareness</p>
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**STRAND/TOPIC 26.06110. Environmental Science**

<b>STANDARD / DESCRIPTION</b>	<b>SEV5.</b>	<b>Obtain, evaluate, and communicate information about the effects of human population growth on global ecosystems.</b>
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ELEMENT	SEV5.c.	<p>Construct an argument from evidence regarding the ecological effects of human innovations (Agricultural, Industrial, Medical, and Technological Revolutions) on global ecosystems.</p> <p><b><u>Alliance to Save Energy</u></b></p> <p>9-12 Carbon Rank Competition</p> <p>9-12 Climate Video</p> <p>9-12 Custodial Presentation &amp; Pledge</p> <p>9-12 Energy Basics Video</p> <p>9-12 Environmental Justice Video</p> <p>9-12 Explore Renewables Video</p> <p>Assembly Announcement</p> <p>Carbon Footprint Calculator</p> <p>Family Presentation</p> <p>Staff Presentation</p>
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ELEMENT	SEV5.d.	<p>Design and defend a sustainability plan to reduce your individual contribution to environmental impacts, taking into account how market forces and societal demands (including political, legal, social, and economic) influence personal choices.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Carbon Rank Competition  9-12 Climate Video  9-12 Custodial Presentation &amp; Pledge  9-12 Energy Audit Video  9-12 Energy Basics Video  9-12 Environmental Justice Video  9-12 Explore Renewables Energy Poster Project  9-12 Explore Renewables Video  9-12 Green Your Career Video  9-12 My Future Green Career  9-12 Understanding Energy Demand Video  9-12 Water Audit  Amelia Airflow 9-12  Appliance Audit  Assembly Announcement  Capstone Project  Carbon Footprint Calculator  Carbon Footprint Journal  Energy Patrol Contest  Family Presentation  Green Future Design  HVAC Audit  Home Energy Audit  Home Energy Demand Pledge  Lighting Audit  Mr. BAS  Mr. BTU 9-12  My Future Green Career Presentation  Poster Campaign  School Audit  Shutdown Reminders  Staff Presentation  Water Awareness Posters  Water Saving Awareness</p>
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**STRAND/TOPIC 40.01100 Physical Science**

STANDARD / DESCRIPTION	SPS4.	Obtain, evaluate, and communicate information to explain the changes in nuclear structure as a result of fission, fusion and radioactive decay.
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ELEMENT	SPS4.c.	<p>Construct arguments based on evidence about the applications, benefits, and problems of nuclear energy as an alternative energy source.</p> <p><b><u>Alliance to Save Energy</u></b>  9-12 Energy Basics Video</p>
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**STRAND/TOPIC 40.01100 Physical Science**

STANDARD / DESCRIPTION	SPS7.	Obtain, evaluate, and communicate information to explain transformations and flow of energy within a system.
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ELEMENT	SPS7.a.	<p>Construct explanations for energy transformations within a system.</p> <p><b><u>Alliance to Save Energy</u></b>  9-12 Explore Renewables Video</p>
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**STRAND/TOPIC 40.08100 Physics**

<b>STANDARD / DESCRIPTION</b>	<b>SP3.</b>	<b>Obtain, evaluate, and communicate information about the importance of conservation laws for mechanical energy and linear momentum in predicting the behavior of physical systems.</b>
ELEMENT	SP3.a.	Ask questions to compare and contrast open and closed systems.  <u><a href="#">Alliance to Save Energy</a></u> <a href="#">Amelia Airflow 9-12</a> <a href="#">Mr. BAS</a> <a href="#">Mr. BTU 9-12</a> <a href="#">Professor Frio</a>

**STRAND/TOPIC 40.08100 Physics**

<b>STANDARD / DESCRIPTION</b>	<b>SP3.</b>	<b>Obtain, evaluate, and communicate information about the importance of conservation laws for mechanical energy and linear momentum in predicting the behavior of physical systems.</b>
ELEMENT	SP3.c.	Plan and carry out an investigation demonstrating conservation and rate of transfer of energy (power) to solve problems involving closed systems.  <u><a href="#">Alliance to Save Energy</a></u> <a href="#">9-12 Energy Audit Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">Mr. BAS</a>

Grade: 9 - Adopted: 2019

**STRAND/TOPIC 40.02100 Astronomy (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SAST6.</b>	<b>Obtain, evaluate, and communicate information to discuss how the past, current, and future explorations of space impact our investigations of the connections between cosmic phenomena and conditions necessary for life.</b>
ELEMENT	SAST6.d.	Construct an explanation of how astronomical and planetary hazards and global atmospheric changes have impacted the evolution of life on Earth.  <u><a href="#">Alliance to Save Energy</a></u> <a href="#">9-12 Climate Video</a>

**STRAND/TOPIC 26.03100. Botany (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SBO3.</b>	<b>Obtain, evaluate, and communicate information to describe Georgia's major physiographic ecoregions, their representative natural plant communities, and their conservation.</b>
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ELEMENT	SBO3.d.	Design a solution to create sustainable plant communities within Georgia's ecoregions and reduce negative human impact.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Carbon Rank Competition 9-12 Climate Video 9-12 Custodial Presentation & Pledge 9-12 Energy Basics Video 9-12 Environmental Justice Video 9-12 Green Your Career Video 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Family Presentation Green Future Design Home Energy Demand Pledge My Future Green Career Presentation Shutdown Reminders Staff Presentation
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**STRAND/TOPIC 26.06100. Ecology (2019)**

STANDARD / DESCRIPTION	SEC5.	Obtain, evaluate, and communicate information on the impact of natural and anthropogenic activities on ecological systems.
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ELEMENT	SEC5.a.	Analyze and interpret data on the ecological impacts of sustainable and non-sustainable use of natural resources and predict the cause and effect of unsustainable use of natural resources on ecosystems.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Carbon Rank Competition 9-12 Climate Video 9-12 Custodial Presentation & Pledge 9-12 Energy Basics Video 9-12 Environmental Justice Video 9-12 Green Your Career Video 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Family Presentation Green Future Design Home Energy Demand Pledge My Future Green Career Presentation Shutdown Reminders Staff Presentation
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ELEMENT	SEC5.b.	Construct an argument based on evidence to predict the impact of climate change on an ecosystem.  <b><u>Alliance to Save Energy</u></b> 9-12 Climate Video 9-12 Energy Basics Video Carbon Footprint Calculator
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ELEMENT	SEC5.d.	Obtain, evaluate, and communicate mitigation strategies to reduce the impacts of non-sustainable activities on Georgia ecosystems.
		<p><b><u>Alliance to Save Energy</u></b></p> <p>6-12 Final Presentation &amp; Peer Performance</p> <p>9-12 Carbon Rank Competition</p> <p>9-12 Climate Video</p> <p>9-12 Custodial Presentation &amp; Pledge</p> <p>9-12 Energy Basics Video</p> <p>9-12 Environmental Justice Video</p> <p>9-12 Green Your Career Video</p> <p>9-12 My Future Green Career</p> <p>Assembly Announcement</p> <p>Capstone Project</p> <p>Carbon Footprint Journal</p> <p>Family Presentation</p> <p>Green Future Design</p> <p>Home Energy Demand Pledge</p> <p>My Future Green Career Presentation</p> <p>Shutdown Reminders</p> <p>Staff Presentation</p>

**STRAND/TOPIC 40.06300 Geology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SG3.</b>	<b>Obtain, evaluate, and communicate information to explore geologic time.</b>
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ELEMENT	SG3.c.	Obtain, evaluate, and communicate information that documents important tectonic events and sea level/climatic changes in Georgia over geologic time.
		<p><b><u>Alliance to Save Energy</u></b></p> <p>9-12 Climate Video</p>

**STRAND/TOPIC 40.06300 Geology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SG5.</b>	<b>Obtain, evaluate, and communicate information to explain the effects of Earth's surface processes.</b>
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ELEMENT	SG5.b.	Construct an argument from evidence to explain how sedimentary rock formation and chemical weathering changes greenhouse gas concentrations in Earth's atmosphere.
		<p><b><u>Alliance to Save Energy</u></b></p> <p>9-12 Energy Basics Video</p>

ELEMENT	SG5.d.	Develop and use models to examine the erosional and depositional features of various coastal systems.
		<p><b><u>Alliance to Save Energy</u></b></p> <p>9-12 Climate Video</p>

ELEMENT	SG5.e.	Plan and carry out an investigation to analyze how surface water and groundwater act as major agents of change in fluvial systems.
		<p><b><u>Alliance to Save Energy</u></b></p> <p>9-12 Climate Video</p>

**STRAND/TOPIC 40.06300 Geology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SG6.</b>	<b>Obtain, evaluate, and communicate information to investigate the distribution, extraction, and use of resources on the Earth and other bodies in the Solar System.</b>
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ELEMENT	SG6.a.	Ask questions to investigate the origin, distribution, and economic importance of geologic resources, including those mined in Georgia.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a>
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ELEMENT	SG6.b.	Construct an argument from evidence to support a claim about the impact of extraction and use of geological resources in the environment and human life.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Green Your Career Video</a>
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**STRAND/TOPIC 40.04100 Meteorology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SM1.</b>	<b>Obtain, evaluate, and communicate information about the structure and composition of Earth's atmosphere and the processes that cause weather.</b>
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ELEMENT	SM1.a.	Construct an explanation for how atmospheric properties (i.e., temperature, density, chemical composition, pressure and moisture) influence its structure.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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ELEMENT	SM1.c.	Plan and carry out an investigation to explain how albedo and specific heat (land versus water surfaces) create differences in surface heating.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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**STRAND/TOPIC 40.04100 Meteorology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SM3.</b>	<b>Obtain, evaluate, and communicate information about the science of weather forecasting.</b>
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ELEMENT	SM3.c.	Ask questions to develop predictions about the formation of meteorological events including severe thunderstorms, hurricanes, tornadoes, floods, droughts, and winter storms.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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**STRAND/TOPIC 40.04100 Meteorology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SM4.</b>	<b>Obtain, evaluate, and communicate information about the relationship between weather and society.</b>
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ELEMENT	SM4.a.	Obtain and communicate information to relate the personal, local, national, and global implications of severe weather events.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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ELEMENT	SM4.b.	Ask questions to identify the relationships between weather and society (e.g., urban heat island, smog formation, air quality, stratospheric ozone).  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a>
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**STRAND/TOPIC 40.04100 Meteorology (2019)**

STANDARD / DESCRIPTION	SM5.	Obtain, evaluate, and communicate information about climate and climate change.
ELEMENT	SM5.a.	Analyze and interpret data to construct explanations for various global climate types based upon climatic characteristics such as latitudinal variations in insolation, distribution of land and water, prevailing winds, average temperature and precipitation, atmospheric circulation, physical geography, altitude, and ocean currents.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a>
ELEMENT	SM5.b.	Ask questions and communicate information about factors impacting global climate change (e.g., Milankovitch and ENSO cycles, greenhouse gases, changes in physical geography).  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a> <a href="#">Carbon Footprint Calculator</a>
ELEMENT	SM5.c.	Construct an argument from evidence about the potential implications of global climate change on weather.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">Carbon Footprint Calculator</a>

**STRAND/TOPIC 40.07100 Oceanography (2019)**

STANDARD / DESCRIPTION	SO4.	Obtain, evaluate, and communicate information that describes the complex relationships between weather, climate and the oceans.
ELEMENT	SO4.e.	Use mathematics and computational thinking to explain how climate change influences the ocean.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a>

**STRAND/TOPIC 40.07100 Oceanography (2019)**

STANDARD / DESCRIPTION	SO5.	Obtain, evaluate, and communicate information on how waves and tides are created and their influence on coastal processes.
ELEMENT	SO5.d.	Construct an explanation for the effects of waves and tides on coastlines, including how they interact with sandy shorelines to transport sediments, influence barrier islands, and affect the marine organisms that live there.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a>

**STRAND/TOPIC 40.07100 Oceanography (2019)**

STANDARD / DESCRIPTION	SO7.	Obtain, evaluate, and communicate information about how humans use the ocean as a resource and the need for responsible stewardship.
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ELEMENT	SO7.a.	Construct an argument based on evidence about the impact that extraction of physical, geological, chemical, and biological resources from the oceans has on marine ecosystems.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Green Your Career Video</a>
ELEMENT	SO7.b.	Design, evaluate, and refine solutions on how to use the ocean as a source of alternative energy.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Explore Renewables Video</a>
ELEMENT	SO7.d.	Analyze and interpret data to investigate the causes of ocean acidification, biomagnification of pollutants, ocean deoxygenation, and eutrophication.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
ELEMENT	SO7.e.	Construct an argument based on evidence to examine policies and laws related to responsible stewardship of the oceans.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Green Your Career Video</a>
ELEMENT	SO7.f.	Design and evaluate a sustainability plan that includes conservation efforts to reduce human impact on the ocean.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Green Your Career Video</a>

#### STRAND/TOPIC 26.07100. Zoology (2019)

<b>STANDARD / DESCRIPTION</b>	<b>SZ2.</b>	<b>Obtain, evaluate, and communicate information to explain the evolutionary history of animals over the geological history of Earth.</b>
ELEMENT	SZ2.a.	Construct an explanation of the geological history of earth and the effects of major environmental changes.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>

#### STRAND/TOPIC 26.07100. Zoology (2019)

<b>STANDARD / DESCRIPTION</b>	<b>SZ5.</b>	<b>Obtain, evaluate, and communicate information to analyze the relationship between humans and animals within various phyla.</b>
ELEMENT	SZ5.a.	Ask questions and define problems identifying the cause and effect of human activities on the biodiversity of organisms (including habitat destruction, overharvesting, water consumption, and pollution).  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Carbon Rank Competition</a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Custodial Presentation &amp; Pledge</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Water Audit</a> <a href="#">Assembly Announcement</a> <a href="#">Carbon Footprint Calculator</a> <a href="#">Family Presentation</a> <a href="#">Staff Presentation</a> <a href="#">Water Awareness Posters</a> <a href="#">Water Saving Awareness</a>

ELEMENT	SZ5.b.	<p>Design a solution to preserve species diversity in natural and captive environments with regard to conservation, habitat restoration, breeding programs and management of genetic diversity at local and global levels.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Carbon Rank Competition  9-12 Climate Video  9-12 Custodial Presentation &amp; Pledge  9-12 Energy Basics Video  9-12 Environmental Justice Video  9-12 Green Your Career Video  9-12 My Future Green Career  Assembly Announcement  Capstone Project  Carbon Footprint Journal  Family Presentation  Green Future Design  Home Energy Demand Pledge  My Future Green Career Presentation  Shutdown Reminders  Staff Presentation</p>
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ELEMENT	SZ5.c.	<p>Construct an argument based on evidence of the short-term and long-term impacts of legal, societal, political, ethical, and economic decisions on animal diversity.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Carbon Rank Competition  9-12 Climate Video  9-12 Custodial Presentation &amp; Pledge  9-12 Energy Basics Video  9-12 Environmental Justice Video  9-12 Green Your Career Video  9-12 My Future Green Career  9-12 Water Audit  Assembly Announcement  Capstone Project  Carbon Footprint Calculator  Carbon Footprint Journal  Family Presentation  Green Future Design  Home Energy Demand Pledge  My Future Green Career Presentation  Shutdown Reminders  Staff Presentation  Water Awareness Posters  Water Saving Awareness</p>
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**Georgia Standards of Excellence**

**Science**

Grade: **10** - Adopted: **2016**

**STRAND/TOPIC 26.01200. Biology**

<b>STANDARD / DESCRIPTION</b>	<b>SB5.</b>	<b>Obtain, evaluate, and communicate information to assess the interdependence of all organisms on one another and their environment.</b>
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ELEMENT	SB5.a.	Plan and carry out investigations and analyze data to support explanations about factors affecting biodiversity and populations in ecosystems.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Carbon Rank Competition</a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Custodial Presentation &amp; Pledge</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Environmental Justice Video</a> <a href="#">9-12 Green Your Career Video</a> <a href="#">Assembly Announcement</a> <a href="#">Carbon Footprint Calculator</a> <a href="#">Family Presentation</a> <a href="#">Staff Presentation</a>
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**STRAND/TOPIC 26.01200. Biology**

STANDARD / DESCRIPTION	SB5.	Obtain, evaluate, and communicate information to assess the interdependence of all organisms on one another and their environment.
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ELEMENT	SB5.c.	Construct an argument to predict the impact of environmental change on the stability of an ecosystem.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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ELEMENT	SB5.d.	Design a solution to reduce the impact of a human activity on the environment.  <b><u>Alliance to Save Energy</u></b> <a href="#">6-12 Final Presentation &amp; Peer Performance</a> <a href="#">9-12 Carbon Rank Competition</a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Custodial Presentation &amp; Pledge</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Environmental Justice Video</a> <a href="#">9-12 Green Your Career Video</a> <a href="#">9-12 My Future Green Career</a> <a href="#">Assembly Announcement</a> <a href="#">Capstone Project</a> <a href="#">Carbon Footprint Journal</a> <a href="#">Family Presentation</a> <a href="#">Green Future Design</a> <a href="#">Home Energy Demand Pledge</a> <a href="#">My Future Green Career Presentation</a> <a href="#">Shutdown Reminders</a> <a href="#">Staff Presentation</a>
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**STRAND/TOPIC 40.06400 Earth Systems**

STANDARD / DESCRIPTION	SES1.	Obtain, evaluate, and communicate information to investigate the composition and formation of Earth systems, including the Earth's place in the solar system.
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ELEMENT	SES1.b.	Ask questions to evaluate evidence for the development and composition of Earth's early systems, including the geosphere (crust, mantle and core), hydrosphere and atmosphere.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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**STRAND/TOPIC 40.06400 Earth Systems**

STANDARD / DESCRIPTION	SES5.	Obtain, evaluate, and communicate information to investigate the interaction of solar energy and Earth's systems to produce weather and climate.
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ELEMENT	SES5.a.	Develop and use models to explain how latitudinal variations in solar heating create differences in air pressure, global wind patterns, and ocean currents that redistribute heat globally.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
ELEMENT	SES5.d.	Analyze and interpret data to show how temperature and precipitation produce the pattern of climate regions (zones) on Earth.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
ELEMENT	SES5.e.	Construct an explanation that describes the conditions that generate extreme weather events (e.g., hurricanes, tornadoes, and thunderstorms) and the hazards associated with these events.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
ELEMENT	SES5.f.	Construct an argument relating changes in global climate to variation to Earth/sun relationships and atmospheric composition.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a> <a href="#">Carbon Footprint Calculator</a>

#### STRAND/TOPIC 40.06400 Earth Systems

STANDARD / DESCRIPTION	SES6.	Obtain, evaluate, and communicate information about how life on Earth responds to and shapes Earth's systems.
ELEMENT	SES6.c.	Ask questions to investigate and communicate how humans depend on Earth's land and water resources, which are distributed unevenly around the planet as a result of past geological and environmental processes.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a>
ELEMENT	SES6.d.	Analyze and interpret data that relates changes in global climate to natural and anthropogenic modification of Earth's atmosphere and oceans.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a> <a href="#">Carbon Footprint Calculator</a>

#### STRAND/TOPIC 26.06110. Environmental Science

STANDARD / DESCRIPTION	SEV1.	Obtain, evaluate, and communicate information to investigate the flow of energy and cycling of matter within an ecosystem.
ELEMENT	SEV1.e.	Plan and carry out an investigation of how chemical and physical properties impact aquatic biomes in Georgia.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>

#### STRAND/TOPIC 26.06110. Environmental Science

STANDARD / DESCRIPTION	SEV2.	Obtain, evaluate, and communicate information to construct explanations of stability and change in Earth's ecosystems.
ELEMENT	SEV2.a.	<p>Analyze and interpret data related to short-term and long-term natural cyclic fluctuations associated with climate change.</p> <p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Climate Video</a>  <a href="#">9-12 Energy Basics Video</a>  <a href="#">Carbon Footprint Calculator</a></p>
ELEMENT	SEV2.b.	<p>Analyze and interpret data to determine how changes in atmospheric chemistry (carbon dioxide and methane) impact the greenhouse effect.</p> <p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Climate Video</a>  <a href="#">9-12 Energy Basics Video</a>  <a href="#">9-12 Explore Renewables Video</a>  <a href="#">Carbon Footprint Calculator</a></p>

**STRAND/TOPIC 26.06110. Environmental Science**

STANDARD / DESCRIPTION	SEV3.	Obtain, evaluate, and communicate information to evaluate types, availability, allocation, and sustainability of energy resources.
ELEMENT	SEV3.a.	<p>Analyze and interpret data to communicate information on the origin and consumption of renewable forms of energy (wind, solar, geothermal, biofuel, and tidal) and non-renewable energy sources (fossil fuels and nuclear energy).</p> <p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Climate Video</a>  <a href="#">9-12 Energy Basics Video</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 Explore Renewables Video</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Calculator</a>  <a href="#">Family Presentation</a>  <a href="#">Staff Presentation</a></p>
ELEMENT	SEV3.b.	<p>Construct an argument based on data about the risks and benefits of renewable and nonrenewable energy sources.</p> <p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Climate Video</a>  <a href="#">9-12 Custodial Presentation &amp; Pledge</a>  <a href="#">9-12 Energy Audit Video</a>  <a href="#">9-12 Energy Basics Video</a>  <a href="#">9-12 Environmental Justice Video</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 Explore Renewables Video</a>  <a href="#">9-12 Understanding Energy Demand Video</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Calculator</a>  <a href="#">Family Presentation</a>  <a href="#">Staff Presentation</a></p>

ELEMENT	SEV3.c.	Obtain, evaluate, and communicate data to predict the sustainability potential of renewable and non-renewable energy resources.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Climate Video 9-12 Custodial Presentation & Pledge 9-12 Energy Audit Video 9-12 Energy Basics Video 9-12 Environmental Justice Video 9-12 Explore Renewables Energy Poster Project 9-12 Explore Renewables Video 9-12 Understanding Energy Demand Video Assembly Announcement Carbon Footprint Calculator Family Presentation Staff Presentation
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ELEMENT	SEV3.d.	Design and defend a sustainable energy plan based on scientific principles for your location.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Carbon Rank Competition 9-12 Climate Video 9-12 Custodial Presentation & Pledge 9-12 Energy Audit Video 9-12 Energy Basics Video 9-12 Environmental Justice Video 9-12 Explore Renewables Energy Poster Project 9-12 Explore Renewables Video 9-12 Green Your Career Video 9-12 My Future Green Career 9-12 Understanding Energy Demand Video Amelia Airflow 9-12 Appliance Audit Assembly Announcement Capstone Project Carbon Footprint Calculator Carbon Footprint Journal Energy Patrol Contest Family Presentation Green Future Design HVAC Audit Home Energy Audit Home Energy Demand Pledge Lighting Audit Mr. BAS Mr. BTU 9-12 My Future Green Career Presentation Poster Campaign School Audit Shutdown Reminders Staff Presentation
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**STRAND/TOPIC 26.06110. Environmental Science**

<b>STANDARD / DESCRIPTION</b>	<b>SEV4.</b>	<b>Obtain, evaluate, and communicate information to analyze human impact on natural resources.</b>
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ELEMENT SEV4.a. Construct and revise a claim based on evidence on the effects of human activities on natural resources.

**Alliance to Save Energy**

6-12 Final Presentation & Peer Performance  
9-12 Carbon Rank Competition  
9-12 Climate Video  
9-12 Custodial Presentation & Pledge  
9-12 Energy Audit Video  
9-12 Energy Basics Video  
9-12 Environmental Justice Video  
9-12 Explore Renewables Energy Poster Project  
9-12 Explore Renewables Video  
9-12 Green Your Career Video  
9-12 My Future Green Career  
9-12 Understanding Energy Demand Video  
Amelia Airflow 9-12  
Appliance Audit  
Assembly Announcement  
Capstone Project  
Carbon Footprint Calculator  
Carbon Footprint Journal  
Energy Patrol Contest  
Family Presentation  
Green Future Design  
HVAC Audit  
Home Energy Audit  
Home Energy Demand Pledge  
Lighting Audit  
Mr. BAS  
Mr. BTU 9-12  
My Future Green Career Presentation  
Poster Campaign  
School Audit  
Shutdown Reminders  
Staff Presentation

ELEMENT	SEV4.b.	Design, evaluate, and refine solutions to reduce human impact on the environment including, but not limited to, smog, ozone depletion, urbanization, and ocean acidification.
		<p><b><u>Alliance to Save Energy</u></b></p> <p>6-12 Final Presentation &amp; Peer Performance</p> <p>9-12 Carbon Rank Competition</p> <p>9-12 Climate Video</p> <p>9-12 Custodial Presentation &amp; Pledge</p> <p>9-12 Energy Audit Video</p> <p>9-12 Energy Basics Video</p> <p>9-12 Environmental Justice Video</p> <p>9-12 Explore Renewables Energy Poster Project</p> <p>9-12 Explore Renewables Video</p> <p>9-12 Green Your Career Video</p> <p>9-12 My Future Green Career</p> <p>9-12 Understanding Energy Demand Video</p> <p>9-12 Water Audit</p> <p>Amelia Airflow 9-12</p> <p>Appliance Audit</p> <p>Assembly Announcement</p> <p>Capstone Project</p> <p>Carbon Footprint Calculator</p> <p>Carbon Footprint Journal</p> <p>Energy Patrol Contest</p> <p>Family Presentation</p> <p>Green Future Design</p> <p>HVAC Audit</p> <p>Home Energy Audit</p> <p>Home Energy Demand Pledge</p> <p>Lighting Audit</p> <p>Mr. BAS</p> <p>Mr. BTU 9-12</p> <p>My Future Green Career Presentation</p> <p>Poster Campaign</p> <p>School Audit</p> <p>Shutdown Reminders</p> <p>Staff Presentation</p> <p>Water Awareness Posters</p> <p>Water Saving Awareness</p>

**STRAND/TOPIC 26.06110. Environmental Science**

STANDARD / DESCRIPTION	SEV5.	Obtain, evaluate, and communicate information about the effects of human population growth on global ecosystems.
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ELEMENT	SEV5.c.	Construct an argument from evidence regarding the ecological effects of human innovations (Agricultural, Industrial, Medical, and Technological Revolutions) on global ecosystems.
		<p><b><u>Alliance to Save Energy</u></b></p> <p>9-12 Carbon Rank Competition</p> <p>9-12 Climate Video</p> <p>9-12 Custodial Presentation &amp; Pledge</p> <p>9-12 Energy Basics Video</p> <p>9-12 Environmental Justice Video</p> <p>9-12 Explore Renewables Video</p> <p>Assembly Announcement</p> <p>Carbon Footprint Calculator</p> <p>Family Presentation</p> <p>Staff Presentation</p>

ELEMENT	SEV5.d.	<p>Design and defend a sustainability plan to reduce your individual contribution to environmental impacts, taking into account how market forces and societal demands (including political, legal, social, and economic) influence personal choices.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Carbon Rank Competition  9-12 Climate Video  9-12 Custodial Presentation &amp; Pledge  9-12 Energy Audit Video  9-12 Energy Basics Video  9-12 Environmental Justice Video  9-12 Explore Renewables Energy Poster Project  9-12 Explore Renewables Video  9-12 Green Your Career Video  9-12 My Future Green Career  9-12 Understanding Energy Demand Video  9-12 Water Audit  Amelia Airflow 9-12  Appliance Audit  Assembly Announcement  Capstone Project  Carbon Footprint Calculator  Carbon Footprint Journal  Energy Patrol Contest  Family Presentation  Green Future Design  HVAC Audit  Home Energy Audit  Home Energy Demand Pledge  Lighting Audit  Mr. BAS  Mr. BTU 9-12  My Future Green Career Presentation  Poster Campaign  School Audit  Shutdown Reminders  Staff Presentation  Water Awareness Posters  Water Saving Awareness</p>
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**STRAND/TOPIC 40.01100 Physical Science**

<b>STANDARD / DESCRIPTION</b>	<b>SPS4.</b>	<b>Obtain, evaluate, and communicate information to explain the changes in nuclear structure as a result of fission, fusion and radioactive decay.</b>
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ELEMENT	SPS4.c.	<p>Construct arguments based on evidence about the applications, benefits, and problems of nuclear energy as an alternative energy source.</p> <p><b><u>Alliance to Save Energy</u></b>  9-12 Energy Basics Video</p>
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**STRAND/TOPIC 40.01100 Physical Science**

<b>STANDARD / DESCRIPTION</b>	<b>SPS7.</b>	<b>Obtain, evaluate, and communicate information to explain transformations and flow of energy within a system.</b>
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ELEMENT	SPS7.a.	<p>Construct explanations for energy transformations within a system.</p> <p><b><u>Alliance to Save Energy</u></b>  9-12 Explore Renewables Video</p>
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**STRAND/TOPIC 40.08100 Physics**

<b>STANDARD / DESCRIPTION</b>	<b>SP3.</b>	<b>Obtain, evaluate, and communicate information about the importance of conservation laws for mechanical energy and linear momentum in predicting the behavior of physical systems.</b>
ELEMENT	SP3.a.	Ask questions to compare and contrast open and closed systems.  <u><a href="#">Alliance to Save Energy</a></u> <a href="#">Amelia Airflow 9-12</a> <a href="#">Mr. BAS</a> <a href="#">Mr. BTU 9-12</a> <a href="#">Professor Frio</a>

**STRAND/TOPIC 40.08100 Physics**

<b>STANDARD / DESCRIPTION</b>	<b>SP3.</b>	<b>Obtain, evaluate, and communicate information about the importance of conservation laws for mechanical energy and linear momentum in predicting the behavior of physical systems.</b>
ELEMENT	SP3.c.	Plan and carry out an investigation demonstrating conservation and rate of transfer of energy (power) to solve problems involving closed systems.  <u><a href="#">Alliance to Save Energy</a></u> <a href="#">9-12 Energy Audit Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">Mr. BAS</a>

Grade: 10 - Adopted: 2019

**STRAND/TOPIC 40.02100 Astronomy (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SAST6.</b>	<b>Obtain, evaluate, and communicate information to discuss how the past, current, and future explorations of space impact our investigations of the connections between cosmic phenomena and conditions necessary for life.</b>
ELEMENT	SAST6.d.	Construct an explanation of how astronomical and planetary hazards and global atmospheric changes have impacted the evolution of life on Earth.  <u><a href="#">Alliance to Save Energy</a></u> <a href="#">9-12 Climate Video</a>

**STRAND/TOPIC 26.03100. Botany (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SBO3.</b>	<b>Obtain, evaluate, and communicate information to describe Georgia's major physiographic ecoregions, their representative natural plant communities, and their conservation.</b>
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ELEMENT	SBO3.d.	Design a solution to create sustainable plant communities within Georgia's ecoregions and reduce negative human impact.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Carbon Rank Competition 9-12 Climate Video 9-12 Custodial Presentation & Pledge 9-12 Energy Basics Video 9-12 Environmental Justice Video 9-12 Green Your Career Video 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Family Presentation Green Future Design Home Energy Demand Pledge My Future Green Career Presentation Shutdown Reminders Staff Presentation
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**STRAND/TOPIC 26.06100. Ecology (2019)**

STANDARD / DESCRIPTION	SEC5.	Obtain, evaluate, and communicate information on the impact of natural and anthropogenic activities on ecological systems.
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ELEMENT	SEC5.a.	Analyze and interpret data on the ecological impacts of sustainable and non-sustainable use of natural resources and predict the cause and effect of unsustainable use of natural resources on ecosystems.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Carbon Rank Competition 9-12 Climate Video 9-12 Custodial Presentation & Pledge 9-12 Energy Basics Video 9-12 Environmental Justice Video 9-12 Green Your Career Video 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Family Presentation Green Future Design Home Energy Demand Pledge My Future Green Career Presentation Shutdown Reminders Staff Presentation
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ELEMENT	SEC5.b.	Construct an argument based on evidence to predict the impact of climate change on an ecosystem.  <b><u>Alliance to Save Energy</u></b> 9-12 Climate Video 9-12 Energy Basics Video Carbon Footprint Calculator
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ELEMENT	SEC5.d.	Obtain, evaluate, and communicate mitigation strategies to reduce the impacts of non-sustainable activities on Georgia ecosystems.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Carbon Rank Competition 9-12 Climate Video 9-12 Custodial Presentation & Pledge 9-12 Energy Basics Video 9-12 Environmental Justice Video 9-12 Green Your Career Video 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Family Presentation Green Future Design Home Energy Demand Pledge My Future Green Career Presentation Shutdown Reminders Staff Presentation
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**STRAND/TOPIC 40.06300 Geology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SG3.</b>	<b>Obtain, evaluate, and communicate information to explore geologic time.</b>
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ELEMENT	SG3.c.	Obtain, evaluate, and communicate information that documents important tectonic events and sea level/climatic changes in Georgia over geologic time.  <b><u>Alliance to Save Energy</u></b> 9-12 Climate Video
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**STRAND/TOPIC 40.06300 Geology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SG5.</b>	<b>Obtain, evaluate, and communicate information to explain the effects of Earth's surface processes.</b>
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ELEMENT	SG5.b.	Construct an argument from evidence to explain how sedimentary rock formation and chemical weathering changes greenhouse gas concentrations in Earth's atmosphere.  <b><u>Alliance to Save Energy</u></b> 9-12 Energy Basics Video
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ELEMENT	SG5.d.	Develop and use models to examine the erosional and depositional features of various coastal systems.  <b><u>Alliance to Save Energy</u></b> 9-12 Climate Video
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ELEMENT	SG5.e.	Plan and carry out an investigation to analyze how surface water and groundwater act as major agents of change in fluvial systems.  <b><u>Alliance to Save Energy</u></b> 9-12 Climate Video
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**STRAND/TOPIC 40.06300 Geology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SG6.</b>	<b>Obtain, evaluate, and communicate information to investigate the distribution, extraction, and use of resources on the Earth and other bodies in the Solar System.</b>
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ELEMENT	SG6.a.	Ask questions to investigate the origin, distribution, and economic importance of geologic resources, including those mined in Georgia.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a>
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ELEMENT	SG6.b.	Construct an argument from evidence to support a claim about the impact of extraction and use of geological resources in the environment and human life.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Green Your Career Video</a>
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**STRAND/TOPIC 40.04100 Meteorology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SM1.</b>	<b>Obtain, evaluate, and communicate information about the structure and composition of Earth's atmosphere and the processes that cause weather.</b>
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ELEMENT	SM1.a.	Construct an explanation for how atmospheric properties (i.e., temperature, density, chemical composition, pressure and moisture) influence its structure.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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ELEMENT	SM1.c.	Plan and carry out an investigation to explain how albedo and specific heat (land versus water surfaces) create differences in surface heating.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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**STRAND/TOPIC 40.04100 Meteorology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SM3.</b>	<b>Obtain, evaluate, and communicate information about the science of weather forecasting.</b>
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ELEMENT	SM3.c.	Ask questions to develop predictions about the formation of meteorological events including severe thunderstorms, hurricanes, tornadoes, floods, droughts, and winter storms.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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**STRAND/TOPIC 40.04100 Meteorology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SM4.</b>	<b>Obtain, evaluate, and communicate information about the relationship between weather and society.</b>
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ELEMENT	SM4.a.	Obtain and communicate information to relate the personal, local, national, and global implications of severe weather events.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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ELEMENT	SM4.b.	Ask questions to identify the relationships between weather and society (e.g., urban heat island, smog formation, air quality, stratospheric ozone).  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a>
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**STRAND/TOPIC 40.04100 Meteorology (2019)**

STANDARD / DESCRIPTION	SM5.	Obtain, evaluate, and communicate information about climate and climate change.
ELEMENT	SM5.a.	Analyze and interpret data to construct explanations for various global climate types based upon climatic characteristics such as latitudinal variations in insolation, distribution of land and water, prevailing winds, average temperature and precipitation, atmospheric circulation, physical geography, altitude, and ocean currents.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a>
ELEMENT	SM5.b.	Ask questions and communicate information about factors impacting global climate change (e.g., Milankovitch and ENSO cycles, greenhouse gases, changes in physical geography).  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a> <a href="#">Carbon Footprint Calculator</a>
ELEMENT	SM5.c.	Construct an argument from evidence about the potential implications of global climate change on weather.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">Carbon Footprint Calculator</a>

**STRAND/TOPIC 40.07100 Oceanography (2019)**

STANDARD / DESCRIPTION	SO4.	Obtain, evaluate, and communicate information that describes the complex relationships between weather, climate and the oceans.
ELEMENT	SO4.e.	Use mathematics and computational thinking to explain how climate change influences the ocean.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a>

**STRAND/TOPIC 40.07100 Oceanography (2019)**

STANDARD / DESCRIPTION	SO5.	Obtain, evaluate, and communicate information on how waves and tides are created and their influence on coastal processes.
ELEMENT	SO5.d.	Construct an explanation for the effects of waves and tides on coastlines, including how they interact with sandy shorelines to transport sediments, influence barrier islands, and affect the marine organisms that live there.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a>

**STRAND/TOPIC 40.07100 Oceanography (2019)**

STANDARD / DESCRIPTION	SO7.	Obtain, evaluate, and communicate information about how humans use the ocean as a resource and the need for responsible stewardship.
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ELEMENT	SO7.a.	Construct an argument based on evidence about the impact that extraction of physical, geological, chemical, and biological resources from the oceans has on marine ecosystems.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Green Your Career Video</a>
ELEMENT	SO7.b.	Design, evaluate, and refine solutions on how to use the ocean as a source of alternative energy.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Explore Renewables Video</a>
ELEMENT	SO7.d.	Analyze and interpret data to investigate the causes of ocean acidification, biomagnification of pollutants, ocean deoxygenation, and eutrophication.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
ELEMENT	SO7.e.	Construct an argument based on evidence to examine policies and laws related to responsible stewardship of the oceans.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Green Your Career Video</a>
ELEMENT	SO7.f.	Design and evaluate a sustainability plan that includes conservation efforts to reduce human impact on the ocean.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Green Your Career Video</a>

#### STRAND/TOPIC 26.07100.Zoology (2019)

<b>STANDARD / DESCRIPTION</b>	<b>SZ2.</b>	<b>Obtain, evaluate, and communicate information to explain the evolutionary history of animals over the geological history of Earth.</b>
ELEMENT	SZ2.a.	Construct an explanation of the geological history of earth and the effects of major environmental changes.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>

#### STRAND/TOPIC 26.07100.Zoology (2019)

<b>STANDARD / DESCRIPTION</b>	<b>SZ5.</b>	<b>Obtain, evaluate, and communicate information to analyze the relationship between humans and animals within various phyla.</b>
ELEMENT	SZ5.a.	Ask questions and define problems identifying the cause and effect of human activities on the biodiversity of organisms (including habitat destruction, overharvesting, water consumption, and pollution).  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Carbon Rank Competition</a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Custodial Presentation &amp; Pledge</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Water Audit</a> <a href="#">Assembly Announcement</a> <a href="#">Carbon Footprint Calculator</a> <a href="#">Family Presentation</a> <a href="#">Staff Presentation</a> <a href="#">Water Awareness Posters</a> <a href="#">Water Saving Awareness</a>

ELEMENT	SZ5.b.	<p>Design a solution to preserve species diversity in natural and captive environments with regard to conservation, habitat restoration, breeding programs and management of genetic diversity at local and global levels.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Carbon Rank Competition  9-12 Climate Video  9-12 Custodial Presentation &amp; Pledge  9-12 Energy Basics Video  9-12 Environmental Justice Video  9-12 Green Your Career Video  9-12 My Future Green Career  Assembly Announcement  Capstone Project  Carbon Footprint Journal  Family Presentation  Green Future Design  Home Energy Demand Pledge  My Future Green Career Presentation  Shutdown Reminders  Staff Presentation</p>
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ELEMENT	SZ5.c.	<p>Construct an argument based on evidence of the short-term and long-term impacts of legal, societal, political, ethical, and economic decisions on animal diversity.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Carbon Rank Competition  9-12 Climate Video  9-12 Custodial Presentation &amp; Pledge  9-12 Energy Basics Video  9-12 Environmental Justice Video  9-12 Green Your Career Video  9-12 My Future Green Career  9-12 Water Audit  Assembly Announcement  Capstone Project  Carbon Footprint Calculator  Carbon Footprint Journal  Family Presentation  Green Future Design  Home Energy Demand Pledge  My Future Green Career Presentation  Shutdown Reminders  Staff Presentation  Water Awareness Posters  Water Saving Awareness</p>
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**Georgia Standards of Excellence**

**Science**

Grade: **11** - Adopted: **2016**

**STRAND/TOPIC 26.01200. Biology**

<b>STANDARD / DESCRIPTION</b>	<b>SB5.</b>	<b>Obtain, evaluate, and communicate information to assess the interdependence of all organisms on one another and their environment.</b>
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ELEMENT	SB5.a.	Plan and carry out investigations and analyze data to support explanations about factors affecting biodiversity and populations in ecosystems.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Carbon Rank Competition</a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Custodial Presentation &amp; Pledge</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Environmental Justice Video</a> <a href="#">9-12 Green Your Career Video</a> <a href="#">Assembly Announcement</a> <a href="#">Carbon Footprint Calculator</a> <a href="#">Family Presentation</a> <a href="#">Staff Presentation</a>
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**STRAND/TOPIC 26.01200. Biology**

STANDARD / DESCRIPTION	SB5.	Obtain, evaluate, and communicate information to assess the interdependence of all organisms on one another and their environment.
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ELEMENT	SB5.c.	Construct an argument to predict the impact of environmental change on the stability of an ecosystem.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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ELEMENT	SB5.d.	Design a solution to reduce the impact of a human activity on the environment.  <b><u>Alliance to Save Energy</u></b> <a href="#">6-12 Final Presentation &amp; Peer Performance</a> <a href="#">9-12 Carbon Rank Competition</a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Custodial Presentation &amp; Pledge</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Environmental Justice Video</a> <a href="#">9-12 Green Your Career Video</a> <a href="#">9-12 My Future Green Career</a> <a href="#">Assembly Announcement</a> <a href="#">Capstone Project</a> <a href="#">Carbon Footprint Journal</a> <a href="#">Family Presentation</a> <a href="#">Green Future Design</a> <a href="#">Home Energy Demand Pledge</a> <a href="#">My Future Green Career Presentation</a> <a href="#">Shutdown Reminders</a> <a href="#">Staff Presentation</a>
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**STRAND/TOPIC 40.06400 Earth Systems**

STANDARD / DESCRIPTION	SES1.	Obtain, evaluate, and communicate information to investigate the composition and formation of Earth systems, including the Earth's place in the solar system.
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ELEMENT	SES1.b.	Ask questions to evaluate evidence for the development and composition of Earth's early systems, including the geosphere (crust, mantle and core), hydrosphere and atmosphere.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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**STRAND/TOPIC 40.06400 Earth Systems**

STANDARD / DESCRIPTION	SES5.	Obtain, evaluate, and communicate information to investigate the interaction of solar energy and Earth's systems to produce weather and climate.
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ELEMENT	SES5.a.	Develop and use models to explain how latitudinal variations in solar heating create differences in air pressure, global wind patterns, and ocean currents that redistribute heat globally.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
ELEMENT	SES5.d.	Analyze and interpret data to show how temperature and precipitation produce the pattern of climate regions (zones) on Earth.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
ELEMENT	SES5.e.	Construct an explanation that describes the conditions that generate extreme weather events (e.g., hurricanes, tornadoes, and thunderstorms) and the hazards associated with these events.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
ELEMENT	SES5.f.	Construct an argument relating changes in global climate to variation to Earth/sun relationships and atmospheric composition.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a> <a href="#">Carbon Footprint Calculator</a>

#### STRAND/TOPIC 40.06400 Earth Systems

STANDARD / DESCRIPTION	SES6.	Obtain, evaluate, and communicate information about how life on Earth responds to and shapes Earth's systems.
ELEMENT	SES6.c.	Ask questions to investigate and communicate how humans depend on Earth's land and water resources, which are distributed unevenly around the planet as a result of past geological and environmental processes.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a>
ELEMENT	SES6.d.	Analyze and interpret data that relates changes in global climate to natural and anthropogenic modification of Earth's atmosphere and oceans.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a> <a href="#">Carbon Footprint Calculator</a>

#### STRAND/TOPIC 26.06110. Environmental Science

STANDARD / DESCRIPTION	SEV1.	Obtain, evaluate, and communicate information to investigate the flow of energy and cycling of matter within an ecosystem.
ELEMENT	SEV1.e.	Plan and carry out an investigation of how chemical and physical properties impact aquatic biomes in Georgia.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>

#### STRAND/TOPIC 26.06110. Environmental Science

STANDARD / DESCRIPTION	SEV2.	Obtain, evaluate, and communicate information to construct explanations of stability and change in Earth's ecosystems.
ELEMENT	SEV2.a.	<p>Analyze and interpret data related to short-term and long-term natural cyclic fluctuations associated with climate change.</p> <p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Climate Video</a>  <a href="#">9-12 Energy Basics Video</a>  <a href="#">Carbon Footprint Calculator</a></p>
ELEMENT	SEV2.b.	<p>Analyze and interpret data to determine how changes in atmospheric chemistry (carbon dioxide and methane) impact the greenhouse effect.</p> <p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Climate Video</a>  <a href="#">9-12 Energy Basics Video</a>  <a href="#">9-12 Explore Renewables Video</a>  <a href="#">Carbon Footprint Calculator</a></p>

**STRAND/TOPIC 26.06110. Environmental Science**

STANDARD / DESCRIPTION	SEV3.	Obtain, evaluate, and communicate information to evaluate types, availability, allocation, and sustainability of energy resources.
ELEMENT	SEV3.a.	<p>Analyze and interpret data to communicate information on the origin and consumption of renewable forms of energy (wind, solar, geothermal, biofuel, and tidal) and non-renewable energy sources (fossil fuels and nuclear energy).</p> <p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Climate Video</a>  <a href="#">9-12 Energy Basics Video</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 Explore Renewables Video</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Calculator</a>  <a href="#">Family Presentation</a>  <a href="#">Staff Presentation</a></p>
ELEMENT	SEV3.b.	<p>Construct an argument based on data about the risks and benefits of renewable and nonrenewable energy sources.</p> <p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Climate Video</a>  <a href="#">9-12 Custodial Presentation &amp; Pledge</a>  <a href="#">9-12 Energy Audit Video</a>  <a href="#">9-12 Energy Basics Video</a>  <a href="#">9-12 Environmental Justice Video</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 Explore Renewables Video</a>  <a href="#">9-12 Understanding Energy Demand Video</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Calculator</a>  <a href="#">Family Presentation</a>  <a href="#">Staff Presentation</a></p>

ELEMENT	SEV3.c.	Obtain, evaluate, and communicate data to predict the sustainability potential of renewable and non-renewable energy resources.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Climate Video 9-12 Custodial Presentation & Pledge 9-12 Energy Audit Video 9-12 Energy Basics Video 9-12 Environmental Justice Video 9-12 Explore Renewables Energy Poster Project 9-12 Explore Renewables Video 9-12 Understanding Energy Demand Video Assembly Announcement Carbon Footprint Calculator Family Presentation Staff Presentation
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ELEMENT	SEV3.d.	Design and defend a sustainable energy plan based on scientific principles for your location.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Carbon Rank Competition 9-12 Climate Video 9-12 Custodial Presentation & Pledge 9-12 Energy Audit Video 9-12 Energy Basics Video 9-12 Environmental Justice Video 9-12 Explore Renewables Energy Poster Project 9-12 Explore Renewables Video 9-12 Green Your Career Video 9-12 My Future Green Career 9-12 Understanding Energy Demand Video Amelia Airflow 9-12 Appliance Audit Assembly Announcement Capstone Project Carbon Footprint Calculator Carbon Footprint Journal Energy Patrol Contest Family Presentation Green Future Design HVAC Audit Home Energy Audit Home Energy Demand Pledge Lighting Audit Mr. BAS Mr. BTU 9-12 My Future Green Career Presentation Poster Campaign School Audit Shutdown Reminders Staff Presentation
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**STRAND/TOPIC 26.06110. Environmental Science**

<b>STANDARD / DESCRIPTION</b>	<b>SEV4.</b>	<b>Obtain, evaluate, and communicate information to analyze human impact on natural resources.</b>
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ELEMENT SEV4.a. Construct and revise a claim based on evidence on the effects of human activities on natural resources.

**Alliance to Save Energy**

6-12 Final Presentation & Peer Performance  
9-12 Carbon Rank Competition  
9-12 Climate Video  
9-12 Custodial Presentation & Pledge  
9-12 Energy Audit Video  
9-12 Energy Basics Video  
9-12 Environmental Justice Video  
9-12 Explore Renewables Energy Poster Project  
9-12 Explore Renewables Video  
9-12 Green Your Career Video  
9-12 My Future Green Career  
9-12 Understanding Energy Demand Video  
Amelia Airflow 9-12  
Appliance Audit  
Assembly Announcement  
Capstone Project  
Carbon Footprint Calculator  
Carbon Footprint Journal  
Energy Patrol Contest  
Family Presentation  
Green Future Design  
HVAC Audit  
Home Energy Audit  
Home Energy Demand Pledge  
Lighting Audit  
Mr. BAS  
Mr. BTU 9-12  
My Future Green Career Presentation  
Poster Campaign  
School Audit  
Shutdown Reminders  
Staff Presentation

ELEMENT	<p>SEV4.b. Design, evaluate, and refine solutions to reduce human impact on the environment including, but not limited to, smog, ozone depletion, urbanization, and ocean acidification.</p> <p><b><u>Alliance to Save Energy</u></b></p> <p>6-12 Final Presentation &amp; Peer Performance</p> <p>9-12 Carbon Rank Competition</p> <p>9-12 Climate Video</p> <p>9-12 Custodial Presentation &amp; Pledge</p> <p>9-12 Energy Audit Video</p> <p>9-12 Energy Basics Video</p> <p>9-12 Environmental Justice Video</p> <p>9-12 Explore Renewables Energy Poster Project</p> <p>9-12 Explore Renewables Video</p> <p>9-12 Green Your Career Video</p> <p>9-12 My Future Green Career</p> <p>9-12 Understanding Energy Demand Video</p> <p>9-12 Water Audit</p> <p>Amelia Airflow 9-12</p> <p>Appliance Audit</p> <p>Assembly Announcement</p> <p>Capstone Project</p> <p>Carbon Footprint Calculator</p> <p>Carbon Footprint Journal</p> <p>Energy Patrol Contest</p> <p>Family Presentation</p> <p>Green Future Design</p> <p>HVAC Audit</p> <p>Home Energy Audit</p> <p>Home Energy Demand Pledge</p> <p>Lighting Audit</p> <p>Mr. BAS</p> <p>Mr. BTU 9-12</p> <p>My Future Green Career Presentation</p> <p>Poster Campaign</p> <p>School Audit</p> <p>Shutdown Reminders</p> <p>Staff Presentation</p> <p>Water Awareness Posters</p> <p>Water Saving Awareness</p>
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**STRAND/TOPIC 26.06110. Environmental Science**

<b>STANDARD / DESCRIPTION</b>	<p><b>SEV5. Obtain, evaluate, and communicate information about the effects of human population growth on global ecosystems.</b></p>
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ELEMENT	<p>SEV5.c. Construct an argument from evidence regarding the ecological effects of human innovations (Agricultural, Industrial, Medical, and Technological Revolutions) on global ecosystems.</p> <p><b><u>Alliance to Save Energy</u></b></p> <p>9-12 Carbon Rank Competition</p> <p>9-12 Climate Video</p> <p>9-12 Custodial Presentation &amp; Pledge</p> <p>9-12 Energy Basics Video</p> <p>9-12 Environmental Justice Video</p> <p>9-12 Explore Renewables Video</p> <p>Assembly Announcement</p> <p>Carbon Footprint Calculator</p> <p>Family Presentation</p> <p>Staff Presentation</p>
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ELEMENT	SEV5.d.	<p>Design and defend a sustainability plan to reduce your individual contribution to environmental impacts, taking into account how market forces and societal demands (including political, legal, social, and economic) influence personal choices.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Carbon Rank Competition  9-12 Climate Video  9-12 Custodial Presentation &amp; Pledge  9-12 Energy Audit Video  9-12 Energy Basics Video  9-12 Environmental Justice Video  9-12 Explore Renewables Energy Poster Project  9-12 Explore Renewables Video  9-12 Green Your Career Video  9-12 My Future Green Career  9-12 Understanding Energy Demand Video  9-12 Water Audit  Amelia Airflow 9-12  Appliance Audit  Assembly Announcement  Capstone Project  Carbon Footprint Calculator  Carbon Footprint Journal  Energy Patrol Contest  Family Presentation  Green Future Design  HVAC Audit  Home Energy Audit  Home Energy Demand Pledge  Lighting Audit  Mr. BAS  Mr. BTU 9-12  My Future Green Career Presentation  Poster Campaign  School Audit  Shutdown Reminders  Staff Presentation  Water Awareness Posters  Water Saving Awareness</p>
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**STRAND/TOPIC 40.01100 Physical Science**

STANDARD / DESCRIPTION	SPS4.	Obtain, evaluate, and communicate information to explain the changes in nuclear structure as a result of fission, fusion and radioactive decay.
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ELEMENT	SPS4.c.	<p>Construct arguments based on evidence about the applications, benefits, and problems of nuclear energy as an alternative energy source.</p> <p><b><u>Alliance to Save Energy</u></b>  9-12 Energy Basics Video</p>
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**STRAND/TOPIC 40.01100 Physical Science**

STANDARD / DESCRIPTION	SPS7.	Obtain, evaluate, and communicate information to explain transformations and flow of energy within a system.
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ELEMENT	SPS7.a.	<p>Construct explanations for energy transformations within a system.</p> <p><b><u>Alliance to Save Energy</u></b>  9-12 Explore Renewables Video</p>
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**STRAND/TOPIC 40.08100 Physics**

<b>STANDARD / DESCRIPTION</b>	<b>SP3.</b>	<b>Obtain, evaluate, and communicate information about the importance of conservation laws for mechanical energy and linear momentum in predicting the behavior of physical systems.</b>
ELEMENT	SP3.a.	Ask questions to compare and contrast open and closed systems.  <u><a href="#">Alliance to Save Energy</a></u> <a href="#">Amelia Airflow 9-12</a> <a href="#">Mr. BAS</a> <a href="#">Mr. BTU 9-12</a> <a href="#">Professor Frio</a>

**STRAND/TOPIC 40.08100 Physics**

<b>STANDARD / DESCRIPTION</b>	<b>SP3.</b>	<b>Obtain, evaluate, and communicate information about the importance of conservation laws for mechanical energy and linear momentum in predicting the behavior of physical systems.</b>
ELEMENT	SP3.c.	Plan and carry out an investigation demonstrating conservation and rate of transfer of energy (power) to solve problems involving closed systems.  <u><a href="#">Alliance to Save Energy</a></u> <a href="#">9-12 Energy Audit Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">Mr. BAS</a>

Grade: 11 - Adopted: 2019

**STRAND/TOPIC 40.02100 Astronomy (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SAST6.</b>	<b>Obtain, evaluate, and communicate information to discuss how the past, current, and future explorations of space impact our investigations of the connections between cosmic phenomena and conditions necessary for life.</b>
ELEMENT	SAST6.d.	Construct an explanation of how astronomical and planetary hazards and global atmospheric changes have impacted the evolution of life on Earth.  <u><a href="#">Alliance to Save Energy</a></u> <a href="#">9-12 Climate Video</a>

**STRAND/TOPIC 26.03100. Botany (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SBO3.</b>	<b>Obtain, evaluate, and communicate information to describe Georgia's major physiographic ecoregions, their representative natural plant communities, and their conservation.</b>
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ELEMENT	SBO3.d.	Design a solution to create sustainable plant communities within Georgia's ecoregions and reduce negative human impact.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Carbon Rank Competition 9-12 Climate Video 9-12 Custodial Presentation & Pledge 9-12 Energy Basics Video 9-12 Environmental Justice Video 9-12 Green Your Career Video 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Family Presentation Green Future Design Home Energy Demand Pledge My Future Green Career Presentation Shutdown Reminders Staff Presentation
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**STRAND/TOPIC 26.06100. Ecology (2019)**

STANDARD / DESCRIPTION	SEC5.	Obtain, evaluate, and communicate information on the impact of natural and anthropogenic activities on ecological systems.
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ELEMENT	SEC5.a.	Analyze and interpret data on the ecological impacts of sustainable and non-sustainable use of natural resources and predict the cause and effect of unsustainable use of natural resources on ecosystems.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Carbon Rank Competition 9-12 Climate Video 9-12 Custodial Presentation & Pledge 9-12 Energy Basics Video 9-12 Environmental Justice Video 9-12 Green Your Career Video 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Family Presentation Green Future Design Home Energy Demand Pledge My Future Green Career Presentation Shutdown Reminders Staff Presentation
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ELEMENT	SEC5.b.	Construct an argument based on evidence to predict the impact of climate change on an ecosystem.  <b><u>Alliance to Save Energy</u></b> 9-12 Climate Video 9-12 Energy Basics Video Carbon Footprint Calculator
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ELEMENT	SEC5.d.	Obtain, evaluate, and communicate mitigation strategies to reduce the impacts of non-sustainable activities on Georgia ecosystems.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Carbon Rank Competition 9-12 Climate Video 9-12 Custodial Presentation & Pledge 9-12 Energy Basics Video 9-12 Environmental Justice Video 9-12 Green Your Career Video 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Family Presentation Green Future Design Home Energy Demand Pledge My Future Green Career Presentation Shutdown Reminders Staff Presentation
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**STRAND/TOPIC 40.06300 Geology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SG3.</b>	<b>Obtain, evaluate, and communicate information to explore geologic time.</b>
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ELEMENT	SG3.c.	Obtain, evaluate, and communicate information that documents important tectonic events and sea level/climatic changes in Georgia over geologic time.  <b><u>Alliance to Save Energy</u></b> 9-12 Climate Video
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**STRAND/TOPIC 40.06300 Geology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SG5.</b>	<b>Obtain, evaluate, and communicate information to explain the effects of Earth's surface processes.</b>
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ELEMENT	SG5.b.	Construct an argument from evidence to explain how sedimentary rock formation and chemical weathering changes greenhouse gas concentrations in Earth's atmosphere.  <b><u>Alliance to Save Energy</u></b> 9-12 Energy Basics Video
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ELEMENT	SG5.d.	Develop and use models to examine the erosional and depositional features of various coastal systems.  <b><u>Alliance to Save Energy</u></b> 9-12 Climate Video
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ELEMENT	SG5.e.	Plan and carry out an investigation to analyze how surface water and groundwater act as major agents of change in fluvial systems.  <b><u>Alliance to Save Energy</u></b> 9-12 Climate Video
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**STRAND/TOPIC 40.06300 Geology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SG6.</b>	<b>Obtain, evaluate, and communicate information to investigate the distribution, extraction, and use of resources on the Earth and other bodies in the Solar System.</b>
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ELEMENT	SG6.a.	Ask questions to investigate the origin, distribution, and economic importance of geologic resources, including those mined in Georgia.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a>
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ELEMENT	SG6.b.	Construct an argument from evidence to support a claim about the impact of extraction and use of geological resources in the environment and human life.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Green Your Career Video</a>
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**STRAND/TOPIC 40.04100 Meteorology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SM1.</b>	<b>Obtain, evaluate, and communicate information about the structure and composition of Earth's atmosphere and the processes that cause weather.</b>
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ELEMENT	SM1.a.	Construct an explanation for how atmospheric properties (i.e., temperature, density, chemical composition, pressure and moisture) influence its structure.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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ELEMENT	SM1.c.	Plan and carry out an investigation to explain how albedo and specific heat (land versus water surfaces) create differences in surface heating.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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**STRAND/TOPIC 40.04100 Meteorology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SM3.</b>	<b>Obtain, evaluate, and communicate information about the science of weather forecasting.</b>
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ELEMENT	SM3.c.	Ask questions to develop predictions about the formation of meteorological events including severe thunderstorms, hurricanes, tornadoes, floods, droughts, and winter storms.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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**STRAND/TOPIC 40.04100 Meteorology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SM4.</b>	<b>Obtain, evaluate, and communicate information about the relationship between weather and society.</b>
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ELEMENT	SM4.a.	Obtain and communicate information to relate the personal, local, national, and global implications of severe weather events.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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ELEMENT	SM4.b.	Ask questions to identify the relationships between weather and society (e.g., urban heat island, smog formation, air quality, stratospheric ozone).  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a>
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**STRAND/TOPIC 40.04100 Meteorology (2019)**

STANDARD / DESCRIPTION	SM5.	Obtain, evaluate, and communicate information about climate and climate change.
ELEMENT	SM5.a.	Analyze and interpret data to construct explanations for various global climate types based upon climatic characteristics such as latitudinal variations in insolation, distribution of land and water, prevailing winds, average temperature and precipitation, atmospheric circulation, physical geography, altitude, and ocean currents.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a>
ELEMENT	SM5.b.	Ask questions and communicate information about factors impacting global climate change (e.g., Milankovitch and ENSO cycles, greenhouse gases, changes in physical geography).  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a> <a href="#">Carbon Footprint Calculator</a>
ELEMENT	SM5.c.	Construct an argument from evidence about the potential implications of global climate change on weather.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">Carbon Footprint Calculator</a>

**STRAND/TOPIC 40.07100 Oceanography (2019)**

STANDARD / DESCRIPTION	SO4.	Obtain, evaluate, and communicate information that describes the complex relationships between weather, climate and the oceans.
ELEMENT	SO4.e.	Use mathematics and computational thinking to explain how climate change influences the ocean.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a>

**STRAND/TOPIC 40.07100 Oceanography (2019)**

STANDARD / DESCRIPTION	SO5.	Obtain, evaluate, and communicate information on how waves and tides are created and their influence on coastal processes.
ELEMENT	SO5.d.	Construct an explanation for the effects of waves and tides on coastlines, including how they interact with sandy shorelines to transport sediments, influence barrier islands, and affect the marine organisms that live there.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a>

**STRAND/TOPIC 40.07100 Oceanography (2019)**

STANDARD / DESCRIPTION	SO7.	Obtain, evaluate, and communicate information about how humans use the ocean as a resource and the need for responsible stewardship.
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ELEMENT	SO7.a.	Construct an argument based on evidence about the impact that extraction of physical, geological, chemical, and biological resources from the oceans has on marine ecosystems.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Green Your Career Video</a>
ELEMENT	SO7.b.	Design, evaluate, and refine solutions on how to use the ocean as a source of alternative energy.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Explore Renewables Video</a>
ELEMENT	SO7.d.	Analyze and interpret data to investigate the causes of ocean acidification, biomagnification of pollutants, ocean deoxygenation, and eutrophication.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
ELEMENT	SO7.e.	Construct an argument based on evidence to examine policies and laws related to responsible stewardship of the oceans.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Green Your Career Video</a>
ELEMENT	SO7.f.	Design and evaluate a sustainability plan that includes conservation efforts to reduce human impact on the ocean.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Green Your Career Video</a>

#### STRAND/TOPIC 26.07100. Zoology (2019)

<b>STANDARD / DESCRIPTION</b>	<b>SZ2.</b>	<b>Obtain, evaluate, and communicate information to explain the evolutionary history of animals over the geological history of Earth.</b>
ELEMENT	SZ2.a.	Construct an explanation of the geological history of earth and the effects of major environmental changes.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>

#### STRAND/TOPIC 26.07100. Zoology (2019)

<b>STANDARD / DESCRIPTION</b>	<b>SZ5.</b>	<b>Obtain, evaluate, and communicate information to analyze the relationship between humans and animals within various phyla.</b>
ELEMENT	SZ5.a.	Ask questions and define problems identifying the cause and effect of human activities on the biodiversity of organisms (including habitat destruction, overharvesting, water consumption, and pollution).  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Carbon Rank Competition</a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Custodial Presentation &amp; Pledge</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Water Audit</a> <a href="#">Assembly Announcement</a> <a href="#">Carbon Footprint Calculator</a> <a href="#">Family Presentation</a> <a href="#">Staff Presentation</a> <a href="#">Water Awareness Posters</a> <a href="#">Water Saving Awareness</a>

ELEMENT	SZ5.b.	<p>Design a solution to preserve species diversity in natural and captive environments with regard to conservation, habitat restoration, breeding programs and management of genetic diversity at local and global levels.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Carbon Rank Competition  9-12 Climate Video  9-12 Custodial Presentation &amp; Pledge  9-12 Energy Basics Video  9-12 Environmental Justice Video  9-12 Green Your Career Video  9-12 My Future Green Career  Assembly Announcement  Capstone Project  Carbon Footprint Journal  Family Presentation  Green Future Design  Home Energy Demand Pledge  My Future Green Career Presentation  Shutdown Reminders  Staff Presentation</p>
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ELEMENT	SZ5.c.	<p>Construct an argument based on evidence of the short-term and long-term impacts of legal, societal, political, ethical, and economic decisions on animal diversity.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Carbon Rank Competition  9-12 Climate Video  9-12 Custodial Presentation &amp; Pledge  9-12 Energy Basics Video  9-12 Environmental Justice Video  9-12 Green Your Career Video  9-12 My Future Green Career  9-12 Water Audit  Assembly Announcement  Capstone Project  Carbon Footprint Calculator  Carbon Footprint Journal  Family Presentation  Green Future Design  Home Energy Demand Pledge  My Future Green Career Presentation  Shutdown Reminders  Staff Presentation  Water Awareness Posters  Water Saving Awareness</p>
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**Georgia Standards of Excellence**

**Science**

Grade: **12** - Adopted: **2016**

**STRAND/TOPIC 26.01200. Biology**

<b>STANDARD / DESCRIPTION</b>	<b>SB5.</b>	<b>Obtain, evaluate, and communicate information to assess the interdependence of all organisms on one another and their environment.</b>
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ELEMENT	SB5.a.	Plan and carry out investigations and analyze data to support explanations about factors affecting biodiversity and populations in ecosystems.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Carbon Rank Competition</a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Custodial Presentation &amp; Pledge</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Environmental Justice Video</a> <a href="#">9-12 Green Your Career Video</a> <a href="#">Assembly Announcement</a> <a href="#">Carbon Footprint Calculator</a> <a href="#">Family Presentation</a> <a href="#">Staff Presentation</a>
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**STRAND/TOPIC 26.01200. Biology**

STANDARD / DESCRIPTION	SB5.	Obtain, evaluate, and communicate information to assess the interdependence of all organisms on one another and their environment.
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ELEMENT	SB5.c.	Construct an argument to predict the impact of environmental change on the stability of an ecosystem.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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ELEMENT	SB5.d.	Design a solution to reduce the impact of a human activity on the environment.  <b><u>Alliance to Save Energy</u></b> <a href="#">6-12 Final Presentation &amp; Peer Performance</a> <a href="#">9-12 Carbon Rank Competition</a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Custodial Presentation &amp; Pledge</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Environmental Justice Video</a> <a href="#">9-12 Green Your Career Video</a> <a href="#">9-12 My Future Green Career</a> <a href="#">Assembly Announcement</a> <a href="#">Capstone Project</a> <a href="#">Carbon Footprint Journal</a> <a href="#">Family Presentation</a> <a href="#">Green Future Design</a> <a href="#">Home Energy Demand Pledge</a> <a href="#">My Future Green Career Presentation</a> <a href="#">Shutdown Reminders</a> <a href="#">Staff Presentation</a>
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**STRAND/TOPIC 40.06400 Earth Systems**

STANDARD / DESCRIPTION	SES1.	Obtain, evaluate, and communicate information to investigate the composition and formation of Earth systems, including the Earth's place in the solar system.
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ELEMENT	SES1.b.	Ask questions to evaluate evidence for the development and composition of Earth's early systems, including the geosphere (crust, mantle and core), hydrosphere and atmosphere.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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**STRAND/TOPIC 40.06400 Earth Systems**

STANDARD / DESCRIPTION	SES5.	Obtain, evaluate, and communicate information to investigate the interaction of solar energy and Earth's systems to produce weather and climate.
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ELEMENT	SES5.a.	Develop and use models to explain how latitudinal variations in solar heating create differences in air pressure, global wind patterns, and ocean currents that redistribute heat globally.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
ELEMENT	SES5.d.	Analyze and interpret data to show how temperature and precipitation produce the pattern of climate regions (zones) on Earth.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
ELEMENT	SES5.e.	Construct an explanation that describes the conditions that generate extreme weather events (e.g., hurricanes, tornadoes, and thunderstorms) and the hazards associated with these events.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
ELEMENT	SES5.f.	Construct an argument relating changes in global climate to variation to Earth/sun relationships and atmospheric composition.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a> <a href="#">Carbon Footprint Calculator</a>

#### STRAND/TOPIC 40.06400 Earth Systems

STANDARD / DESCRIPTION	SES6.	Obtain, evaluate, and communicate information about how life on Earth responds to and shapes Earth's systems.
ELEMENT	SES6.c.	Ask questions to investigate and communicate how humans depend on Earth's land and water resources, which are distributed unevenly around the planet as a result of past geological and environmental processes.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a>
ELEMENT	SES6.d.	Analyze and interpret data that relates changes in global climate to natural and anthropogenic modification of Earth's atmosphere and oceans.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a> <a href="#">Carbon Footprint Calculator</a>

#### STRAND/TOPIC 26.06110. Environmental Science

STANDARD / DESCRIPTION	SEV1.	Obtain, evaluate, and communicate information to investigate the flow of energy and cycling of matter within an ecosystem.
ELEMENT	SEV1.e.	Plan and carry out an investigation of how chemical and physical properties impact aquatic biomes in Georgia.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>

#### STRAND/TOPIC 26.06110. Environmental Science

STANDARD / DESCRIPTION	SEV2.	Obtain, evaluate, and communicate information to construct explanations of stability and change in Earth's ecosystems.
ELEMENT	SEV2.a.	<p>Analyze and interpret data related to short-term and long-term natural cyclic fluctuations associated with climate change.</p> <p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Climate Video</a>  <a href="#">9-12 Energy Basics Video</a>  <a href="#">Carbon Footprint Calculator</a></p>
ELEMENT	SEV2.b.	<p>Analyze and interpret data to determine how changes in atmospheric chemistry (carbon dioxide and methane) impact the greenhouse effect.</p> <p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Climate Video</a>  <a href="#">9-12 Energy Basics Video</a>  <a href="#">9-12 Explore Renewables Video</a>  <a href="#">Carbon Footprint Calculator</a></p>

**STRAND/TOPIC 26.06110. Environmental Science**

STANDARD / DESCRIPTION	SEV3.	Obtain, evaluate, and communicate information to evaluate types, availability, allocation, and sustainability of energy resources.
ELEMENT	SEV3.a.	<p>Analyze and interpret data to communicate information on the origin and consumption of renewable forms of energy (wind, solar, geothermal, biofuel, and tidal) and non-renewable energy sources (fossil fuels and nuclear energy).</p> <p><b><u>Alliance to Save Energy</u></b>  <a href="#">9-12 Climate Video</a>  <a href="#">9-12 Energy Basics Video</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 Explore Renewables Video</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Calculator</a>  <a href="#">Family Presentation</a>  <a href="#">Staff Presentation</a></p>
ELEMENT	SEV3.b.	<p>Construct an argument based on data about the risks and benefits of renewable and nonrenewable energy sources.</p> <p><b><u>Alliance to Save Energy</u></b>  <a href="#">6-12 Final Presentation &amp; Peer Performance</a>  <a href="#">9-12 Climate Video</a>  <a href="#">9-12 Custodial Presentation &amp; Pledge</a>  <a href="#">9-12 Energy Audit Video</a>  <a href="#">9-12 Energy Basics Video</a>  <a href="#">9-12 Environmental Justice Video</a>  <a href="#">9-12 Explore Renewables Energy Poster Project</a>  <a href="#">9-12 Explore Renewables Video</a>  <a href="#">9-12 Understanding Energy Demand Video</a>  <a href="#">Assembly Announcement</a>  <a href="#">Carbon Footprint Calculator</a>  <a href="#">Family Presentation</a>  <a href="#">Staff Presentation</a></p>

ELEMENT	SEV3.c.	Obtain, evaluate, and communicate data to predict the sustainability potential of renewable and non-renewable energy resources.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Climate Video 9-12 Custodial Presentation & Pledge 9-12 Energy Audit Video 9-12 Energy Basics Video 9-12 Environmental Justice Video 9-12 Explore Renewables Energy Poster Project 9-12 Explore Renewables Video 9-12 Understanding Energy Demand Video Assembly Announcement Carbon Footprint Calculator Family Presentation Staff Presentation
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ELEMENT	SEV3.d.	Design and defend a sustainable energy plan based on scientific principles for your location.  <b>Alliance to Save Energy</b> 6-12 Final Presentation & Peer Performance 9-12 Carbon Rank Competition 9-12 Climate Video 9-12 Custodial Presentation & Pledge 9-12 Energy Audit Video 9-12 Energy Basics Video 9-12 Environmental Justice Video 9-12 Explore Renewables Energy Poster Project 9-12 Explore Renewables Video 9-12 Green Your Career Video 9-12 My Future Green Career 9-12 Understanding Energy Demand Video Amelia Airflow 9-12 Appliance Audit Assembly Announcement Capstone Project Carbon Footprint Calculator Carbon Footprint Journal Energy Patrol Contest Family Presentation Green Future Design HVAC Audit Home Energy Audit Home Energy Demand Pledge Lighting Audit Mr. BAS Mr. BTU 9-12 My Future Green Career Presentation Poster Campaign School Audit Shutdown Reminders Staff Presentation
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**STRAND/TOPIC 26.06110. Environmental Science**

<b>STANDARD / DESCRIPTION</b>	<b>SEV4.</b>	<b>Obtain, evaluate, and communicate information to analyze human impact on natural resources.</b>
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ELEMENT SEV4.a. Construct and revise a claim based on evidence on the effects of human activities on natural resources.

**Alliance to Save Energy**

6-12 Final Presentation & Peer Performance  
9-12 Carbon Rank Competition  
9-12 Climate Video  
9-12 Custodial Presentation & Pledge  
9-12 Energy Audit Video  
9-12 Energy Basics Video  
9-12 Environmental Justice Video  
9-12 Explore Renewables Energy Poster Project  
9-12 Explore Renewables Video  
9-12 Green Your Career Video  
9-12 My Future Green Career  
9-12 Understanding Energy Demand Video  
Amelia Airflow 9-12  
Appliance Audit  
Assembly Announcement  
Capstone Project  
Carbon Footprint Calculator  
Carbon Footprint Journal  
Energy Patrol Contest  
Family Presentation  
Green Future Design  
HVAC Audit  
Home Energy Audit  
Home Energy Demand Pledge  
Lighting Audit  
Mr. BAS  
Mr. BTU 9-12  
My Future Green Career Presentation  
Poster Campaign  
School Audit  
Shutdown Reminders  
Staff Presentation

ELEMENT	SEV4.b.	<p>Design, evaluate, and refine solutions to reduce human impact on the environment including, but not limited to, smog, ozone depletion, urbanization, and ocean acidification.</p> <p><b><u>Alliance to Save Energy</u></b></p> <p>6-12 Final Presentation &amp; Peer Performance</p> <p>9-12 Carbon Rank Competition</p> <p>9-12 Climate Video</p> <p>9-12 Custodial Presentation &amp; Pledge</p> <p>9-12 Energy Audit Video</p> <p>9-12 Energy Basics Video</p> <p>9-12 Environmental Justice Video</p> <p>9-12 Explore Renewables Energy Poster Project</p> <p>9-12 Explore Renewables Video</p> <p>9-12 Green Your Career Video</p> <p>9-12 My Future Green Career</p> <p>9-12 Understanding Energy Demand Video</p> <p>9-12 Water Audit</p> <p>Amelia Airflow 9-12</p> <p>Appliance Audit</p> <p>Assembly Announcement</p> <p>Capstone Project</p> <p>Carbon Footprint Calculator</p> <p>Carbon Footprint Journal</p> <p>Energy Patrol Contest</p> <p>Family Presentation</p> <p>Green Future Design</p> <p>HVAC Audit</p> <p>Home Energy Audit</p> <p>Home Energy Demand Pledge</p> <p>Lighting Audit</p> <p>Mr. BAS</p> <p>Mr. BTU 9-12</p> <p>My Future Green Career Presentation</p> <p>Poster Campaign</p> <p>School Audit</p> <p>Shutdown Reminders</p> <p>Staff Presentation</p> <p>Water Awareness Posters</p> <p>Water Saving Awareness</p>
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**STRAND/TOPIC 26.06110. Environmental Science**

<b>STANDARD / DESCRIPTION</b>	<b>SEV5.</b>	<b>Obtain, evaluate, and communicate information about the effects of human population growth on global ecosystems.</b>
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ELEMENT	SEV5.c.	<p>Construct an argument from evidence regarding the ecological effects of human innovations (Agricultural, Industrial, Medical, and Technological Revolutions) on global ecosystems.</p> <p><b><u>Alliance to Save Energy</u></b></p> <p>9-12 Carbon Rank Competition</p> <p>9-12 Climate Video</p> <p>9-12 Custodial Presentation &amp; Pledge</p> <p>9-12 Energy Basics Video</p> <p>9-12 Environmental Justice Video</p> <p>9-12 Explore Renewables Video</p> <p>Assembly Announcement</p> <p>Carbon Footprint Calculator</p> <p>Family Presentation</p> <p>Staff Presentation</p>
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ELEMENT	SEV5.d.	<p>Design and defend a sustainability plan to reduce your individual contribution to environmental impacts, taking into account how market forces and societal demands (including political, legal, social, and economic) influence personal choices.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Carbon Rank Competition  9-12 Climate Video  9-12 Custodial Presentation &amp; Pledge  9-12 Energy Audit Video  9-12 Energy Basics Video  9-12 Environmental Justice Video  9-12 Explore Renewables Energy Poster Project  9-12 Explore Renewables Video  9-12 Green Your Career Video  9-12 My Future Green Career  9-12 Understanding Energy Demand Video  9-12 Water Audit  Amelia Airflow 9-12  Appliance Audit  Assembly Announcement  Capstone Project  Carbon Footprint Calculator  Carbon Footprint Journal  Energy Patrol Contest  Family Presentation  Green Future Design  HVAC Audit  Home Energy Audit  Home Energy Demand Pledge  Lighting Audit  Mr. BAS  Mr. BTU 9-12  My Future Green Career Presentation  Poster Campaign  School Audit  Shutdown Reminders  Staff Presentation  Water Awareness Posters  Water Saving Awareness</p>
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**STRAND/TOPIC 40.01100 Physical Science**

STANDARD / DESCRIPTION	SPS4.	Obtain, evaluate, and communicate information to explain the changes in nuclear structure as a result of fission, fusion and radioactive decay.
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ELEMENT	SPS4.c.	<p>Construct arguments based on evidence about the applications, benefits, and problems of nuclear energy as an alternative energy source.</p> <p><b><u>Alliance to Save Energy</u></b>  9-12 Energy Basics Video</p>
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**STRAND/TOPIC 40.01100 Physical Science**

STANDARD / DESCRIPTION	SPS7.	Obtain, evaluate, and communicate information to explain transformations and flow of energy within a system.
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ELEMENT	SPS7.a.	<p>Construct explanations for energy transformations within a system.</p> <p><b><u>Alliance to Save Energy</u></b>  9-12 Explore Renewables Video</p>
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**STRAND/TOPIC 40.08100 Physics**

<b>STANDARD / DESCRIPTION</b>	<b>SP3.</b>	<b>Obtain, evaluate, and communicate information about the importance of conservation laws for mechanical energy and linear momentum in predicting the behavior of physical systems.</b>
ELEMENT	SP3.a.	Ask questions to compare and contrast open and closed systems.  <u><a href="#">Alliance to Save Energy</a></u> <a href="#">Amelia Airflow 9-12</a> <a href="#">Mr. BAS</a> <a href="#">Mr. BTU 9-12</a> <a href="#">Professor Frio</a>

**STRAND/TOPIC 40.08100 Physics**

<b>STANDARD / DESCRIPTION</b>	<b>SP3.</b>	<b>Obtain, evaluate, and communicate information about the importance of conservation laws for mechanical energy and linear momentum in predicting the behavior of physical systems.</b>
ELEMENT	SP3.c.	Plan and carry out an investigation demonstrating conservation and rate of transfer of energy (power) to solve problems involving closed systems.  <u><a href="#">Alliance to Save Energy</a></u> <a href="#">9-12 Energy Audit Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">Mr. BAS</a>

Grade: 12 - Adopted: 2019

**STRAND/TOPIC 40.02100 Astronomy (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SAST6.</b>	<b>Obtain, evaluate, and communicate information to discuss how the past, current, and future explorations of space impact our investigations of the connections between cosmic phenomena and conditions necessary for life.</b>
ELEMENT	SAST6.d.	Construct an explanation of how astronomical and planetary hazards and global atmospheric changes have impacted the evolution of life on Earth.  <u><a href="#">Alliance to Save Energy</a></u> <a href="#">9-12 Climate Video</a>

**STRAND/TOPIC 26.03100. Botany (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SBO3.</b>	<b>Obtain, evaluate, and communicate information to describe Georgia's major physiographic ecoregions, their representative natural plant communities, and their conservation.</b>
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ELEMENT	SBO3.d.	Design a solution to create sustainable plant communities within Georgia's ecoregions and reduce negative human impact.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Carbon Rank Competition 9-12 Climate Video 9-12 Custodial Presentation & Pledge 9-12 Energy Basics Video 9-12 Environmental Justice Video 9-12 Green Your Career Video 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Family Presentation Green Future Design Home Energy Demand Pledge My Future Green Career Presentation Shutdown Reminders Staff Presentation
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**STRAND/TOPIC 26.06100. Ecology (2019)**

STANDARD / DESCRIPTION	SEC5.	Obtain, evaluate, and communicate information on the impact of natural and anthropogenic activities on ecological systems.
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ELEMENT	SEC5.a.	Analyze and interpret data on the ecological impacts of sustainable and non-sustainable use of natural resources and predict the cause and effect of unsustainable use of natural resources on ecosystems.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Carbon Rank Competition 9-12 Climate Video 9-12 Custodial Presentation & Pledge 9-12 Energy Basics Video 9-12 Environmental Justice Video 9-12 Green Your Career Video 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Family Presentation Green Future Design Home Energy Demand Pledge My Future Green Career Presentation Shutdown Reminders Staff Presentation
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ELEMENT	SEC5.b.	Construct an argument based on evidence to predict the impact of climate change on an ecosystem.  <b><u>Alliance to Save Energy</u></b> 9-12 Climate Video 9-12 Energy Basics Video Carbon Footprint Calculator
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ELEMENT	SEC5.d.	Obtain, evaluate, and communicate mitigation strategies to reduce the impacts of non-sustainable activities on Georgia ecosystems.  <b><u>Alliance to Save Energy</u></b> 6-12 Final Presentation & Peer Performance 9-12 Carbon Rank Competition 9-12 Climate Video 9-12 Custodial Presentation & Pledge 9-12 Energy Basics Video 9-12 Environmental Justice Video 9-12 Green Your Career Video 9-12 My Future Green Career Assembly Announcement Capstone Project Carbon Footprint Journal Family Presentation Green Future Design Home Energy Demand Pledge My Future Green Career Presentation Shutdown Reminders Staff Presentation
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**STRAND/TOPIC 40.06300 Geology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SG3.</b>	<b>Obtain, evaluate, and communicate information to explore geologic time.</b>
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ELEMENT	SG3.c.	Obtain, evaluate, and communicate information that documents important tectonic events and sea level/climatic changes in Georgia over geologic time.  <b><u>Alliance to Save Energy</u></b> 9-12 Climate Video
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**STRAND/TOPIC 40.06300 Geology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SG5.</b>	<b>Obtain, evaluate, and communicate information to explain the effects of Earth's surface processes.</b>
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ELEMENT	SG5.b.	Construct an argument from evidence to explain how sedimentary rock formation and chemical weathering changes greenhouse gas concentrations in Earth's atmosphere.  <b><u>Alliance to Save Energy</u></b> 9-12 Energy Basics Video
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ELEMENT	SG5.d.	Develop and use models to examine the erosional and depositional features of various coastal systems.  <b><u>Alliance to Save Energy</u></b> 9-12 Climate Video
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ELEMENT	SG5.e.	Plan and carry out an investigation to analyze how surface water and groundwater act as major agents of change in fluvial systems.  <b><u>Alliance to Save Energy</u></b> 9-12 Climate Video
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**STRAND/TOPIC 40.06300 Geology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SG6.</b>	<b>Obtain, evaluate, and communicate information to investigate the distribution, extraction, and use of resources on the Earth and other bodies in the Solar System.</b>
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ELEMENT	SG6.a.	Ask questions to investigate the origin, distribution, and economic importance of geologic resources, including those mined in Georgia.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a>
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ELEMENT	SG6.b.	Construct an argument from evidence to support a claim about the impact of extraction and use of geological resources in the environment and human life.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Green Your Career Video</a>
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**STRAND/TOPIC 40.04100 Meteorology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SM1.</b>	<b>Obtain, evaluate, and communicate information about the structure and composition of Earth's atmosphere and the processes that cause weather.</b>
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ELEMENT	SM1.a.	Construct an explanation for how atmospheric properties (i.e., temperature, density, chemical composition, pressure and moisture) influence its structure.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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ELEMENT	SM1.c.	Plan and carry out an investigation to explain how albedo and specific heat (land versus water surfaces) create differences in surface heating.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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**STRAND/TOPIC 40.04100 Meteorology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SM3.</b>	<b>Obtain, evaluate, and communicate information about the science of weather forecasting.</b>
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ELEMENT	SM3.c.	Ask questions to develop predictions about the formation of meteorological events including severe thunderstorms, hurricanes, tornadoes, floods, droughts, and winter storms.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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**STRAND/TOPIC 40.04100 Meteorology (2019)**

<b>STANDARD / DESCRIPTION</b>	<b>SM4.</b>	<b>Obtain, evaluate, and communicate information about the relationship between weather and society.</b>
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ELEMENT	SM4.a.	Obtain and communicate information to relate the personal, local, national, and global implications of severe weather events.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
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ELEMENT	SM4.b.	Ask questions to identify the relationships between weather and society (e.g., urban heat island, smog formation, air quality, stratospheric ozone).  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a>
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**STRAND/TOPIC 40.04100 Meteorology (2019)**

STANDARD / DESCRIPTION	SM5.	Obtain, evaluate, and communicate information about climate and climate change.
ELEMENT	SM5.a.	Analyze and interpret data to construct explanations for various global climate types based upon climatic characteristics such as latitudinal variations in insolation, distribution of land and water, prevailing winds, average temperature and precipitation, atmospheric circulation, physical geography, altitude, and ocean currents.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a>
ELEMENT	SM5.b.	Ask questions and communicate information about factors impacting global climate change (e.g., Milankovitch and ENSO cycles, greenhouse gases, changes in physical geography).  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Explore Renewables Video</a> <a href="#">Carbon Footprint Calculator</a>
ELEMENT	SM5.c.	Construct an argument from evidence about the potential implications of global climate change on weather.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">Carbon Footprint Calculator</a>

**STRAND/TOPIC 40.07100 Oceanography (2019)**

STANDARD / DESCRIPTION	SO4.	Obtain, evaluate, and communicate information that describes the complex relationships between weather, climate and the oceans.
ELEMENT	SO4.e.	Use mathematics and computational thinking to explain how climate change influences the ocean.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a>

**STRAND/TOPIC 40.07100 Oceanography (2019)**

STANDARD / DESCRIPTION	SO5.	Obtain, evaluate, and communicate information on how waves and tides are created and their influence on coastal processes.
ELEMENT	SO5.d.	Construct an explanation for the effects of waves and tides on coastlines, including how they interact with sandy shorelines to transport sediments, influence barrier islands, and affect the marine organisms that live there.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Climate Video</a>

**STRAND/TOPIC 40.07100 Oceanography (2019)**

STANDARD / DESCRIPTION	SO7.	Obtain, evaluate, and communicate information about how humans use the ocean as a resource and the need for responsible stewardship.
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ELEMENT	SO7.a.	Construct an argument based on evidence about the impact that extraction of physical, geological, chemical, and biological resources from the oceans has on marine ecosystems.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Green Your Career Video</a>
ELEMENT	SO7.b.	Design, evaluate, and refine solutions on how to use the ocean as a source of alternative energy.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Explore Renewables Video</a>
ELEMENT	SO7.d.	Analyze and interpret data to investigate the causes of ocean acidification, biomagnification of pollutants, ocean deoxygenation, and eutrophication.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>
ELEMENT	SO7.e.	Construct an argument based on evidence to examine policies and laws related to responsible stewardship of the oceans.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Green Your Career Video</a>
ELEMENT	SO7.f.	Design and evaluate a sustainability plan that includes conservation efforts to reduce human impact on the ocean.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Green Your Career Video</a>

#### STRAND/TOPIC 26.07100. Zoology (2019)

<b>STANDARD / DESCRIPTION</b>	<b>SZ2.</b>	<b>Obtain, evaluate, and communicate information to explain the evolutionary history of animals over the geological history of Earth.</b>
ELEMENT	SZ2.a.	Construct an explanation of the geological history of earth and the effects of major environmental changes.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Climate Video</a>

#### STRAND/TOPIC 26.07100. Zoology (2019)

<b>STANDARD / DESCRIPTION</b>	<b>SZ5.</b>	<b>Obtain, evaluate, and communicate information to analyze the relationship between humans and animals within various phyla.</b>
ELEMENT	SZ5.a.	Ask questions and define problems identifying the cause and effect of human activities on the biodiversity of organisms (including habitat destruction, overharvesting, water consumption, and pollution).  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Carbon Rank Competition</a> <a href="#">9-12 Climate Video</a> <a href="#">9-12 Custodial Presentation &amp; Pledge</a> <a href="#">9-12 Energy Basics Video</a> <a href="#">9-12 Water Audit</a> <a href="#">Assembly Announcement</a> <a href="#">Carbon Footprint Calculator</a> <a href="#">Family Presentation</a> <a href="#">Staff Presentation</a> <a href="#">Water Awareness Posters</a> <a href="#">Water Saving Awareness</a>

ELEMENT	SZ5.b.	<p>Design a solution to preserve species diversity in natural and captive environments with regard to conservation, habitat restoration, breeding programs and management of genetic diversity at local and global levels.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Carbon Rank Competition  9-12 Climate Video  9-12 Custodial Presentation &amp; Pledge  9-12 Energy Basics Video  9-12 Environmental Justice Video  9-12 Green Your Career Video  9-12 My Future Green Career  Assembly Announcement  Capstone Project  Carbon Footprint Journal  Family Presentation  Green Future Design  Home Energy Demand Pledge  My Future Green Career Presentation  Shutdown Reminders  Staff Presentation</p>
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ELEMENT	SZ5.c.	<p>Construct an argument based on evidence of the short-term and long-term impacts of legal, societal, political, ethical, and economic decisions on animal diversity.</p> <p><b><u>Alliance to Save Energy</u></b>  6-12 Final Presentation &amp; Peer Performance  9-12 Carbon Rank Competition  9-12 Climate Video  9-12 Custodial Presentation &amp; Pledge  9-12 Energy Basics Video  9-12 Environmental Justice Video  9-12 Green Your Career Video  9-12 My Future Green Career  9-12 Water Audit  Assembly Announcement  Capstone Project  Carbon Footprint Calculator  Carbon Footprint Journal  Family Presentation  Green Future Design  Home Energy Demand Pledge  My Future Green Career Presentation  Shutdown Reminders  Staff Presentation  Water Awareness Posters  Water Saving Awareness</p>
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**Georgia Standards of Excellence**

**Social Studies**

Grade: 5 - Adopted: 2021

**STRAND/TOPIC 45.006. Fifth Grade – United States History Year 3: Industrialization to the Digital Age**

STANDARD / DESCRIPTION	Government/Civic Understandings	
ELEMENT	SS5CG1	Explain how a citizen's rights are protected under the U.S. Constitution.

ELEMENT/GLE SS5CG1. Explain the responsibilities of a citizen.  
a.

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**Georgia Standards of Excellence**  
**Social Studies**  
Grade: 6 - Adopted: 2021

**STRAND/TOPIC** GA.6-8.RHSS. **READING STANDARDS FOR LITERACY IN HISTORY/SOCIAL STUDIES (RHSS) GRADES 6-8**

STANDARD / DESCRIPTION	Integration of Knowledge and Ideas
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ELEMENT L6-8RHSS7: Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts.

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**Georgia Standards of Excellence**  
**Social Studies**  
Grade: 7 - Adopted: 2021

**STRAND/TOPIC** GA.6-8.RHSS. **READING STANDARDS FOR LITERACY IN HISTORY/SOCIAL STUDIES (RHSS) GRADES 6-8**

STANDARD / DESCRIPTION	Integration of Knowledge and Ideas
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ELEMENT L6-8RHSS7: Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts.

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**Georgia Standards of Excellence**  
**Social Studies**  
Grade: 8 - Adopted: 2021

**STRAND/TOPIC** 45.009. **Eighth Grade – Georgia Studies**

STANDARD / DESCRIPTION	Information Processing Skills
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ELEMENT IPS.3. identify issues and/or problems and alternative solutions

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**STRAND/TOPIC** GA.6-8.RHSS. **READING STANDARDS FOR LITERACY IN HISTORY/SOCIAL STUDIES (RHSS) GRADES 6-8**

STANDARD / DESCRIPTION	Integration of Knowledge and Ideas
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ELEMENT L6-8RHSS7: Integrate visual information (e.g., in charts, graphs, photographs, videos, or maps) with other information in print and digital texts.

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Georgia Standards of Excellence

Social Studies

Grade: 9 - Adopted: 2021

**STRAND/TOPIC 45.057. American Government/Civics**

<b>STANDARD / DESCRIPTION</b>	<b>SSCG16 .</b>	<b>Analyze the difference between involuntary and voluntary participation in civic life.</b>
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ELEMENT SSSCG16. Describe how citizens voluntarily and responsibly participate in the political process by voting, performing public service, being informed about current issues, and respecting differing opinions.

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**STRAND/TOPIC 45.031. Sociology**

<b>STANDARD / DESCRIPTION</b>		<b>Social Inequities and Change</b>
<b>ELEMENT</b>	<b>SSSoc1 C2.</b>	<b>Analyze social change processes in a society.</b>

ELEMENT/GLE SSSoc1C 2.a. Describe the various forms of collective behavior as factors of social change.

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**STRAND/TOPIC 45.071. World Geography**

<b>STANDARD / DESCRIPTION</b>		<b>Physical Geography</b>
<b>ELEMENT</b>	<b>SSWG1.</b>	<b>Explain why physical characteristics of place such as landforms, bodies of water, climate, and natural resources act as contributing factors to world settlement patterns.</b>

ELEMENT/GLE SSWG1.h Describe the spatial distribution of natural resources, including, but not limited to, fuel and energy, agricultural, and mineral sources. Predict how distribution of natural resources continues to impact global settlement patterns.

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**STRAND/TOPIC 45.071. World Geography**

<b>STANDARD / DESCRIPTION</b>		<b>Environmental Geography</b>
<b>ELEMENT</b>	<b>SSWG5.</b>	<b>Analyze human interactions with the world's environments.</b>

ELEMENT/GLE SSWG5.c Analyze the economic, political and environmental impacts associated with industrialization and natural resource management around the world (e.g., fracking, strip mining, building of dams and reservoirs, deforestation, sustainable development, and renewable vs. non renewable resources).

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**STRAND/TOPIC 45.083. World History**

<b>STANDARD / DESCRIPTION</b>	<b>SSWH22 .</b>	<b>Analyze globalization in the contemporary world.</b>
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ELEMENT	SSWH22.c.	Explain how governments cooperate through treaties and organizations to minimize the negative effects of human actions on the environment.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Environmental Justice Video</a>
<b>STRAND/TOPIC</b>	<b>Information Processing Skills</b>	
STANDARD / DESCRIPTION	IPS.2.	organize items chronologically  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Environmental Justice Video</a>
STANDARD / DESCRIPTION	IPS.3.	identify issues and/or problems and alternative solutions  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Environmental Justice Video</a>
STANDARD / DESCRIPTION	IPS.7.	interpret timelines, charts, and tables  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Environmental Justice Video</a>
STANDARD / DESCRIPTION	IPS.13.	translate dates into centuries, eras, or ages  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Environmental Justice Video</a>

**Georgia Standards of Excellence**  
**Social Studies**  
Grade: **10** - Adopted: **2021**

**STRAND/TOPIC 45.057. American Government/Civics**

<b>STANDARD / DESCRIPTION</b>	<b>SSCG16</b>	<b>Analyze the difference between involuntary and voluntary participation in civic life.</b>
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ELEMENT	SSCG16.b.	Describe how citizens voluntarily and responsibly participate in the political process by voting, performing public service, being informed about current issues, and respecting differing opinions.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Environmental Justice Video</a>
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**STRAND/TOPIC 45.031. Sociology**

<b>STANDARD / DESCRIPTION</b>		<b>Social Inequities and Change</b>
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<b>ELEMENT</b>	<b>SSSocI C2.</b>	<b>Analyze social change processes in a society.</b>
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ELEMENT/GLE	SSSocI C2.a.	Describe the various forms of collective behavior as factors of social change.  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Environmental Justice Video</a>
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**STRAND/TOPIC 45.071. World Geography**

<b>STANDARD / DESCRIPTION</b>		<b>Physical Geography</b>
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<b>ELEMENT</b>	<b>SSWG1.</b>	<b>Explain why physical characteristics of place such as landforms, bodies of water, climate, and natural resources act as contributing factors to world settlement patterns.</b>
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ELEMENT/GLE SSWG1.h Describe the spatial distribution of natural resources, including, but not limited to, fuel and energy, agricultural, and mineral sources. Predict how distribution of natural resources continues to impact global settlement patterns.

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**STRAND/TOPIC 45.071. World Geography**

<b>STANDARD / DESCRIPTION</b>		<b>Environmental Geography</b>
<b>ELEMENT</b>	<b>SSWG5.</b>	<b>Analyze human interactions with the world's environments.</b>

ELEMENT/GLE SSWG5.c Analyze the economic, political and environmental impacts associated with industrialization and natural resource management around the world (e.g., fracking, strip mining, building of dams and reservoirs, deforestation, sustainable development, and renewable vs. non renewable resources).

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**STRAND/TOPIC 45.083. World History**

<b>STANDARD / DESCRIPTION</b>	<b>SSWH22</b>	<b>Analyze globalization in the contemporary world.</b>
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ELEMENT SSWH22.c Explain how governments cooperate through treaties and organizations to minimize the negative effects of human actions on the environment.

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**STRAND/TOPIC Information Processing Skills**

STANDARD / DESCRIPTION	IPS.2.	organize items chronologically  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Environmental Justice Video</a>
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STANDARD / DESCRIPTION	IPS.3.	identify issues and/or problems and alternative solutions  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Environmental Justice Video</a>
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STANDARD / DESCRIPTION	IPS.7.	interpret timelines, charts, and tables  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Environmental Justice Video</a>
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STANDARD / DESCRIPTION	IPS.13.	translate dates into centuries, eras, or ages  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Environmental Justice Video</a>
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**STRAND/TOPIC 45.057. American Government/Civics**

<b>STANDARD / DESCRIPTION</b>	<b>SSCG16 .</b>	<b>Analyze the difference between involuntary and voluntary participation in civic life.</b>
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ELEMENT           SSCG16. Describe how citizens voluntarily and responsibly participate in the political process by voting, performing public service, being informed about current issues, and respecting differing opinions.

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**STRAND/TOPIC 45.031. Sociology**

<b>STANDARD / DESCRIPTION</b>		<b>Social Inequities and Change</b>
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<b>ELEMENT</b>	<b>SSSoc1 C2.</b>	<b>Analyze social change processes in a society.</b>
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ELEMENT/GLE    SSSoc1C Describe the various forms of collective behavior as factors of social change.  
 2.a.

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**STRAND/TOPIC 45.071. World Geography**

<b>STANDARD / DESCRIPTION</b>		<b>Physical Geography</b>
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<b>ELEMENT</b>	<b>SSWG1.</b>	<b>Explain why physical characteristics of place such as landforms, bodies of water, climate, and natural resources act as contributing factors to world settlement patterns.</b>
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ELEMENT/GLE    SSWG1.h Describe the spatial distribution of natural resources, including, but not limited to, fuel and energy, agricultural, and mineral sources. Predict how distribution of natural resources continues to impact global settlement patterns.

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**STRAND/TOPIC 45.071. World Geography**

<b>STANDARD / DESCRIPTION</b>		<b>Environmental Geography</b>
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<b>ELEMENT</b>	<b>SSWG5.</b>	<b>Analyze human interactions with the world's environments.</b>
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ELEMENT/GLE    SSWG5.c Analyze the economic, political and environmental impacts associated with industrialization and natural resource management around the world (e.g., fracking, strip mining, building of dams and reservoirs, deforestation, sustainable development, and renewable vs. non renewable resources).

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**STRAND/TOPIC 45.083. World History**

<b>STANDARD / DESCRIPTION</b>	<b>SSWH22 .</b>	<b>Analyze globalization in the contemporary world.</b>
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ELEMENT           SSWH22. Explain how governments cooperate through treaties and organizations to minimize the negative effects of human actions on the environment.

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**STRAND/TOPIC Information Processing Skills**

STANDARD / DESCRIPTION	IPS.2.	organize items chronologically  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Environmental Justice Video</a>
STANDARD / DESCRIPTION	IPS.3.	identify issues and/or problems and alternative solutions  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Environmental Justice Video</a>
STANDARD / DESCRIPTION	IPS.7.	interpret timelines, charts, and tables  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Environmental Justice Video</a>
STANDARD / DESCRIPTION	IPS.13.	translate dates into centuries, eras, or ages  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Environmental Justice Video</a>

**Georgia Standards of Excellence**  
**Social Studies**  
Grade: **12** - Adopted: **2021**

**STRAND/TOPIC 45.057. American Government/Civics**

STANDARD / DESCRIPTION	SSCG16	Analyze the difference between involuntary and voluntary participation in civic life.
ELEMENT	SSCG16. b.	Describe how citizens voluntarily and responsibly participate in the political process by voting, performing public service, being informed about current issues, and respecting differing opinions.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Environmental Justice Video</a>

**STRAND/TOPIC 45.031. Sociology**

STANDARD / DESCRIPTION		Social Inequities and Change
ELEMENT	SSSocI C2.	Analyze social change processes in a society.
ELEMENT/GLE	SSSocI 2.a.	Describe the various forms of collective behavior as factors of social change.  <a href="#"><u>Alliance to Save Energy</u></a> <a href="#">9-12 Environmental Justice Video</a>

**STRAND/TOPIC 45.071. World Geography**

STANDARD / DESCRIPTION		Physical Geography
ELEMENT	SSWG1.	Explain why physical characteristics of place such as landforms, bodies of water, climate, and natural resources act as contributing factors to world settlement patterns.

ELEMENT/GLE	SSWG1.h	Describe the spatial distribution of natural resources, including, but not limited to, fuel and energy, agricultural, and mineral sources. Predict how distribution of natural resources continues to impact global settlement patterns.
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**STRAND/TOPIC 45.071. World Geography**

<b>STANDARD / DESCRIPTION</b>		<b>Environmental Geography</b>
<b>ELEMENT</b>	<b>SSWG5.</b>	<b>Analyze human interactions with the world's environments.</b>

ELEMENT/GLE	SSWG5.c	Analyze the economic, political and environmental impacts associated with industrialization and natural resource management around the world (e.g., fracking, strip mining, building of dams and reservoirs, deforestation, sustainable development, and renewable vs. non renewable resources).
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**STRAND/TOPIC 45.083. World History**

<b>STANDARD / DESCRIPTION</b>	<b>SSWH22</b>	<b>Analyze globalization in the contemporary world.</b>
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ELEMENT	SSWH22.c.	Explain how governments cooperate through treaties and organizations to minimize the negative effects of human actions on the environment.
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**STRAND/TOPIC Information Processing Skills**

STANDARD / DESCRIPTION	IPS.2.	organize items chronologically  <b><u>Alliance to Save Energy</u></b> <a href="#">9-12 Environmental Justice Video</a>
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