Begin Your Energy Audit: High School Quiz

**1. An energy audit can help you learn\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

1. How much energy things are using
2. When things are using energy
3. What the cafeteria meatballs are made of
4. A & B

**2. Conducting an energy audit of your school can \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

1. make it more comfortable
2. protect the environment
3. save money
4. All of the above

**3. HVAC stands for \_\_\_\_\_\_\_\_\_\_\_.**

1. Heating, Ventilation and Air-Conditioning
2. Health, Value and Creativity
3. High Voltage Amplitude Circuits
4. None of the above

**4. Which of the following is a way that schools waste energy on lighting?**

1. Over lighting hallways and classrooms
2. Relying only on sensors to turn of lights
3. Leaving exterior lighting on all the time
4. All of the above

**5. A Watt Meter can tell you \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

1. whether a room is too hot or too cold
2. whether an appliance has a Vampire Load
3. whether a room is overlit or underlit
4. your fortune

**6. Which type of space is often over-lit in schools?**

1. Hallways
2. Classrooms
3. Bathrooms
4. All of the above

**7. What is the recommended light level for a classroom?**

1. 5-10 footcandles (FC)
2. 20-30 FC
3. 30-50 FC
4. 60-80 FC

**8. Which of these tools is used to measure energy wasted by HVAC systems?**

1. Light meter
2. Watt meter
3. Flicker checker
4. Infrared thermometer

**9. "Phantom loads" are \_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

1. also known as "energy vampires"
2. the amount of energy appliances use when they're not being used
3. often as expensive as the cost of running appliances
4. All of the above

**10. The basic calculation for figuring out how much money an appliance costs to operate is:**

1. watts ÷ 1000 x hours used x cost per kWh
2. watts x cost per kWh
3. watts + cost per kWh – your GPA
4. watts x hours x 1000 ÷ cost per kWh