Learn the Basics: Middle School Quiz

1. What is energy efficiency?

A. Using as little electricity as you possibly can

B. Using less energy to do the same (or more) work

C. Doing less work to save electricity

D. Giving up modern comforts

2. Which type of light bulb is the MOST efficient?

A. Compact Fluorescent Light Bulb (CFL)

B. Incandescent Light Bulb

C. Light Emitting Diode Light Bulb (LED)

D. Radiant Light Bulb

3. Up to \_\_\_ of energy used in schools is WASTED.

A. 50%

B. 5%

C. 30%

D. 20%

4. Which of the following is a greenhouse gas?

A. Oxygen

B. Carbon Dioxide

C. Gasoline

D. Coal

5. What are the largest sources of electricity in the United States?

A. Solar & wind

B. Nuclear & hydroelectric

C. Geothermal & biomass

D. Coal & natural gas

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6. Which of the following is a renewable resource for electricity?

A. Geothermal

B. Oil

C. Coal

D. Uranium

7. Which of the following is NOT a renewable resource for electricity?

A. Solar

B. Wind

C. Natural Gas

D. Hydroelectric

8. Energy is measured in \_\_\_\_\_\_\_\_\_\_\_.

A. Degrees

B. Kilowatt-hours

C. Ounces

D. Millimeters

9. What determines how much carbon dioxide is released for each kWh you use?

A. How big your house is

B. The weather in your area

C. Your fuel mix

D. The time of year

10. The United States produces \_\_\_\_\_\_\_ carbon dioxide per person than most of the world.

A. a little less

B. a lot less

C. a little more

D. a lot more