

Feb. 22-26 Station 4: Explore Renewable and Nonrenewable Energy

Warm-Up: Below you will see pictures of 4 different energy sources (Wind, Solar, Fossil Fuels and Hydroelectric). Choose one of them to answer the questions below.

1. Which energy source did you choose?
2. How do you think this energy source is helpful for people?
3. Is it possible for us to use up all of this energy source?

Wind	Solar	Fossil Fuels	Hydroelectric
		 Oil  Natural Gas  Coal	
Name three things you know about wind energy. 1. 2. 3.	Name three things you know about solar energy. 1. 2. 3.	Name three things you know about fossil fuel energy. 1. 2. 3.	Name three things you know about hydroelectric energy. 1. 2. 3.

As you can see, some of the energy sources above can be used forever and will never run out, like wind and solar energy. These energy sources are called Renewable Energy. Other energy sources will eventually run out if we continue to use them, such as fossil fuels. These energy sources are called Nonrenewable Energy. Watch the video below to gain an understanding of the differences between Renewable and Nonrenewable energy types.

Directions: Watch the video below to get more information on Renewable and Nonrenewable energy sources.

Directions: Use the information learned in the video to choose the correct choice from the drop-down menu for the statements below.

This energy source can be replaced quickly.

This energy source can produce electricity.

This energy source cannot be replaced after it is used.

Examples of this energy source: oil, coal, natural gas.

Examples of this energy source: wind, sun, water.

There is an unlimited supply of this energy source.

This energy source is the most common source of electricity.