Name _____ Date _____

Sort renewable and nonrenewable energy resources

For students: renewable resources can be replaced by nature in a short time. Nonrenewable resources take millions of years to form, so they can run out. Cut out the cards on page 1. Glue each card in the right column on page 2, or write its name there. Then answer the questions. Color the cards before you cut them out.

✂ Cut on the dashed lines.



coal



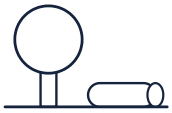
sun



moving water



natural gas



wood from trees



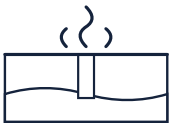
uranium



wind



oil



heat inside Earth



corn for fuel

Wood and corn are biomass. Heat inside Earth is called geothermal energy. Uranium is the fuel used in nuclear power plants.
Source: U.S. Energy Information Administration (EIA), Energy Kids: Energy sources (eia.gov/kids/energy-sources).

Name _____ Date _____

Sort renewable and nonrenewable energy resources

For students: glue each card from page 1 in the right column, or write its name on a line. Then answer the questions.

Renewable	Nonrenewable
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Answer the questions

1. Name two renewable resources. _____

2. Coal, oil and natural gas are fossil fuels. What did they form from? _____

3. Why are fossil fuels nonrenewable? _____

4. Which renewable resource do solar panels use? _____

Name _____ Date _____

Answer key: sort renewable and nonrenewable energy resources

Renewable	Nonrenewable
sun	coal
wind	oil
moving water	natural gas
wood from trees	uranium
heat inside Earth	
corn for fuel	

Answer the questions

1. Name two renewable resources.

Any two: sun, wind, moving water, wood from trees, heat inside Earth, corn for fuel

2. Coal, oil and natural gas are fossil fuels. What did they form from?

The remains of plants and animals that lived millions of years ago

3. Why are fossil fuels nonrenewable?

They take millions of years to form, so people use them up much faster than nature makes them.

4. Which renewable resource do solar panels use? **The sun (sunlight)**

Wood and corn are biomass. Heat inside Earth is called geothermal energy. Uranium is the fuel used in nuclear power plants. Source: U.S. Energy Information Administration (EIA), Energy Kids: Energy sources (eia.gov/kids/energy-sources).