

Energy at Work

Read how energy helps people at home and on the road.

SC.2.P.10.1 "Discuss that people use electricity or other forms of energy to cook their food, cool or warm their homes, and power their cars."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline each thing energy helps people do. Circle each word or phrase that tells where the energy comes from, so you can connect energy sources to their jobs.

Maya Uses Energy

- ① At Maya's apartment, electricity runs the refrigerator, keeping milk and fruit cold. Electricity also heats the toaster for breakfast. Her family uses energy to cook food and to keep some foods cool before they eat them.
- ② On a hot afternoon, electricity powers a fan and an air conditioner. They move or cool air in the home. On a cold day, a heater may use electricity, natural gas, or propane to warm the rooms.
- ③ Maya's uncle drives a gasoline car. Gasoline stores energy that helps the engine move the car. Her neighbor plugs in an electric car to charge its battery. Both cars need energy to travel, but they get it in different ways.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 What energy source heats the toaster, and what does the toaster help Maya's family do?

2 How can energy help a home on a hot day and on a cold day? Use details from the passage.

3 How do Maya's uncle's car and her neighbor's car get energy in different ways?

3 YOUR TURN _____ Your own words

Complete the table with your own examples. Add one way energy helps with cooking, one way it helps a home feel warm or cool, and one way it helps a vehicle move.

ENERGY SOURCE	WHAT IT HELPS DO	PLACE OR VEHICLE

PART 1 • READ AND MARK

Underline each thing energy helps people do. Circle each word or phrase that tells where the energy comes from, so you can connect energy sources to their jobs. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What energy source heats the toaster, and what does the toaster help Maya's family do?	Electricity heats the toaster, and it helps the family cook breakfast.
2	How can energy help a home on a hot day and on a cold day? Use details from the passage.	On a hot day, electricity can power a fan or air conditioner to move or cool air. On a cold day, a heater can use electricity, natural gas, or propane to warm rooms.
3	How do Maya's uncle's car and her neighbor's car get energy in different ways?	The uncle's car uses gasoline. The neighbor plugs in an electric car to charge its battery.

PART 3 • YOUR TURN (SAMPLE ANSWER)

ENERGY SOURCE	WHAT IT HELPS DO	PLACE OR VEHICLE
Electricity	heats a rice cooker	kitchen
Natural gas	warms an apartment	home
Gasoline	moves a bus	vehicle

Accept accurate examples that connect an energy source to cooking, warming or cooling a home, and moving a vehicle. Electricity, natural gas, propane, gasoline, and energy stored in a battery are acceptable when used correctly.