# Resources Around Us

Read, mark, and sort resources used every day.

**E.3.10.1** "Identify some of Earth's resources that are used in everyday life such as water, wind, soil, forests, oil, natural gas, and minerals and classify as renewable or nonrenewable."

NAME _____ DATE _____

## 1 READ AND MARK

Read it twice

**YOUR JOB** Underline the resource used for each of these: drinking, turning a turbine, making paper, car fuel, home heat, and wires. Write R above each renewable resource and N above each nonrenewable resource.

### A Day of Earth Resources

1. On a rainy morning, Maya fills a glass from the tap. She sees a wind turbine turning beyond the school. In class, she writes on paper made from trees. After school, she helps plant a new tree near the playground. Water, wind, and trees are Earth resources. People use these natural things to meet needs each day.

2. Some resources can be replaced by nature in a short time. These are called renewable resources. Rain helps refill rivers and lakes, so people can keep using water when it stays clean. Wind keeps blowing and can turn turbines to make electricity. Trees can grow again after people cut them down, especially when people plant new ones and care for forests.

3. Other resources take such a long time to form that people cannot replace them quickly. These are called nonrenewable resources. Oil is used to make fuel for cars, and natural gas can heat homes. Copper comes from minerals in rock and is used in wires that carry electricity. New supplies of oil and natural gas form slowly, and the copper in rock is limited.

## 2 ANSWER WITH EVIDENCE

Use the passage

1. Name and classify the resource Maya drinks and the resource that turns a turbine.

2. Is the resource used to make Maya's paper renewable or nonrenewable? How can people help replace it?

3. Which resources in the passage are used for car fuel and home heat? Classify both.

4. What resource from rock is used in wires? Is it renewable or nonrenewable?

## 3 YOUR TURN

Your own words

Invent a new place where people use two resources from the passage, one renewable and one nonrenewable. In three or four sentences, tell how each is used and why each fits its group.

ANSWER KEY

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GRADE 3 · E.3.10.1

## PART 1 · READ AND MARK

Underline the resource used for each of these: drinking, turning a turbine, making paper, car fuel, home heat, and wires. Write R above each renewable resource and N above each nonrenewable resource. Accept any marking that follows this job and points at the right text.

## PART 2 · ANSWERS

| # | QUESTION | ANSWER |
|---|---|---|
| 1 | Name and classify the resource Maya drinks and the resource that turns a turbine. | **Water and wind are both renewable.** |
| 2 | Is the resource used to make Maya's paper renewable or nonrenewable? How can people help replace it? | **Trees are renewable. People can plant new trees and care for forests.** |
| 3 | Which resources in the passage are used for car fuel and home heat? Classify both. | **Oil is used to make car fuel, and natural gas can heat homes. Both are nonrenewable.** |
| 4 | What resource from rock is used in wires? Is it renewable or nonrenewable? | **Copper is used in wires. It is nonrenewable.** |

## PART 3 · YOUR TURN (SAMPLE ANSWER)

At a night market, wind turns a turbine to light a food stall. A stove that burns natural gas cooks soup there. Wind is renewable because it keeps blowing. Natural gas is nonrenewable because it forms too slowly to replace what people use.

For the marking job, accept water, wind, and trees marked R, and oil, natural gas, and copper marked N. For Your Turn, accept any accurate new setting with one resource from each group, a use for each, and a correct reason for each classification.