

Energy All Around

Identify light, sound, thermal, and mechanical energy in everyday life.

3.8.A "identify everyday examples of energy, including light, sound, thermal, and mechanical; and"

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline one example of each kind of energy in the passage. Write 1 for light, 2 for sound, 3 for thermal, and 4 for mechanical beside the examples you choose.

A School Garden Day

- ① On a sunny morning, Maya walks to the school garden. Sunlight helps her see the green leaves and the path. Light is a kind of energy that lets us see. Near the gate, Maya hears a robin sing and a bus rumble past. Sound is energy made by vibrations that travel to her ears nearby.
- ② Inside the building, the cafeteria oven warms bread for lunch. The warm oven and hot bread show thermal energy, which is heat energy. In the gym, Jordan pushes a rolling ball, and a fan spins above the court. A moving ball and spinning fan show mechanical energy. Mechanical energy is energy of moving objects there.
- ③ At the end of the day, the class checks the garden again. A flashlight shines under a shady bench, and students clap when they find a ladybug. The flashlight gives light energy, while the clapping makes sound energy. The class carries warm soup outside and turns the handle of a watering cart. These are thermal and mechanical energy in everyday life.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 What kind of energy do the robin's song and the bus rumble show?

2 Name two examples of thermal energy from the passage.

3 Which two things in the gym show mechanical energy?

4 Sunlight and a flashlight both give what kind of energy?

3 YOUR TURN _____ Your own words

Complete the table with one new everyday example of each kind of energy. Do not use an example from the passage.

ENERGY TYPE	EVERYDAY EXAMPLE	WHAT IT DOES

PART 1 • READ AND MARK

Underline one example of each kind of energy in the passage. Write 1 for light, 2 for sound, 3 for thermal, and 4 for mechanical beside the examples you choose. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What kind of energy do the robin's song and the bus rumble show?	Sound energy.
2	Name two examples of thermal energy from the passage.	Answers may include the warm oven, hot bread, or warm soup.
3	Which two things in the gym show mechanical energy?	The rolling ball and the spinning fan.
4	Sunlight and a flashlight both give what kind of energy?	Light energy.

PART 3 • YOUR TURN (SAMPLE ANSWER)

ENERGY TYPE	EVERYDAY EXAMPLE	WHAT IT DOES
Light	Desk lamp	Helps a reader see a book.
Sound	Alarm clock	Vibrates and makes a sound.
Thermal	Hot cocoa	Gives off heat.
Mechanical	Kicked soccer ball	Moves across the yard.

Accept any passage example that is correctly matched to its energy type. For the table, accept original, realistic examples with accurate energy classifications and descriptions.