

What is Energy?

READ ALOUD PASSAGE

Energy is what makes things go, move, change, or happen. Without energy, nothing would ever move or change. There are different forms of energy, but they all share one thing in common: they can make something happen.

Heat energy can make things go. When you cook food on a stove, heat energy is what changes the food. Electrical energy can make things go too. It powers lights, fans, and computers. Light energy travels from the sun and helps plants grow. Movement energy, also called kinetic energy, is the energy that moving things have.

One of the most important rules in science is that energy cannot be created and it cannot be destroyed. Energy can only change from one form into another. When you turn on a lamp, electrical energy changes into light energy and heat energy. When you ride a bike, the energy stored in your food changes into the energy of movement.

Everything that happens around us, from a ball rolling to a fire burning, involves energy changing from one form to another.

Activity 1: Word Hunt

Look back at the reading. Find four verbs and write them on the lines.

1. _____
2. _____
3. _____
4. _____

Activity 2: Sentence Scramble

These words are mixed up. Put them in order to make a sentence. Start with a capital letter and end with a period.

1. powers / lights, / it / fans, / and / computers

2. form / energy / into / from / change / only / another / one / can

Activity 3: Sentence or Not?

Read each one out loud. Write S if it is a complete sentence. Write F if it is only part of a sentence. Then fix each F so it is a complete sentence.

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1. Energy makes things move.

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2. Lights, fans, and computers.

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3. The sun gives off light.

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4. When you ride a bike.

First fragment, rewritten:

Second fragment, rewritten:

Activity 4: Sentence Scramble

These words are mixed up. Put them in order to make a sentence. Start with a capital letter and end with a period.

1. ever / without / would / change / energy, / move / nothing / or

2. heat / make / energy / can / go / things

3. make / go / energy / can / electrical / things / too
