



Essential Question

# What Does the Sun Do?



## Engage Your Brain

Find the answer to the question in the lesson.

**What would Earth be like without the sun?**

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## Active Reading

### Lesson Vocabulary

- 1 Preview the lesson.
- 2 Write the 3 vocabulary terms here.

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# We Need the Sun



## Lighting the Way

We get different kinds of energy from the sun. **Energy** is something that causes matter to move or change.

**Light** is energy that lets us see. We use light from the sun to read and play. Plants use light from the sun to grow.

### Active Reading

Find the sentence that tells what energy is.  
Draw a line under the sentence.







## Warming It Up

**Heat** is energy that makes things warmer. The sun makes its own heat. The heat from the sun warms land, air, and water on Earth. The sun's heat makes Earth warm enough for living things.

► An animal is getting heat. Circle it.



# Watch Out!

Light and heat from the sun can also be harmful. Light can burn our skin. It can hurt our eyes. It can cause some things to fade. Heat can cause some things to melt.

## Active Reading

The main idea is the most important idea about something. Draw two lines under the main idea.

new slide

slide faded  
by the sun



melting ice cream



melting crayons



► What is making the crayons and ice cream melt? Circle it.

# Sun Safety

You can stay safe in the sun. Follow the rules below!

## Staying Safe in the Sun

- 1 Wear sunscreen.
- 2 Wear clothes that cover your skin.
- 3 Wear a hat to protect your face.
- 4 Wear sunglasses to protect your eyes.
- 5 Use an umbrella for shade.
- 6 Drink a lot of water.







► Some people are not staying safe in the sun. Cut out the pictures from the end of the lesson. Use them to show how the people can stay safe.

# Sum It Up >>

## 1 Solve It!

**Solve the riddle.**

I give light to help you see.  
Earth is warm, thanks to me.  
My energy helps plants grow.

**What am I?**

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## 2 Circle It!

**Which things help you stay safe from the sun? Circle them.**







Name \_\_\_\_\_

## Vocabulary Review

Use these words to complete the puzzle.

sunscreen

heat

light

energy

sun

### Across

- 1 the star that gives light and heat to Earth
- 2 energy that keeps Earth warm
- 3 light and heat

### Down

- 1 something we wear to protect our skin from the sun
- 4 energy that helps us see

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| 2 |   |  |   |  |  |
|   |   |  |   |  |  |
| 3 |   |  |   |  |  |



# Apply Concepts

Fill in the chart.

How is the sun helpful and harmful?

| Helpful    | Harmful       |
|------------|---------------|
| gives heat | can burn skin |
| <hr/>      | <hr/>         |
| <hr/>      | <hr/>         |
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Take It  
Home 

Family Members: Work with your child to identify items in your home that help your family stay safe from the sun.







