

StudiesWeeklyTM

Trailblazer

GRADE
2



The Sun

The sun is important to all life on Earth. It gives us light and heat. It rises and sets every day.

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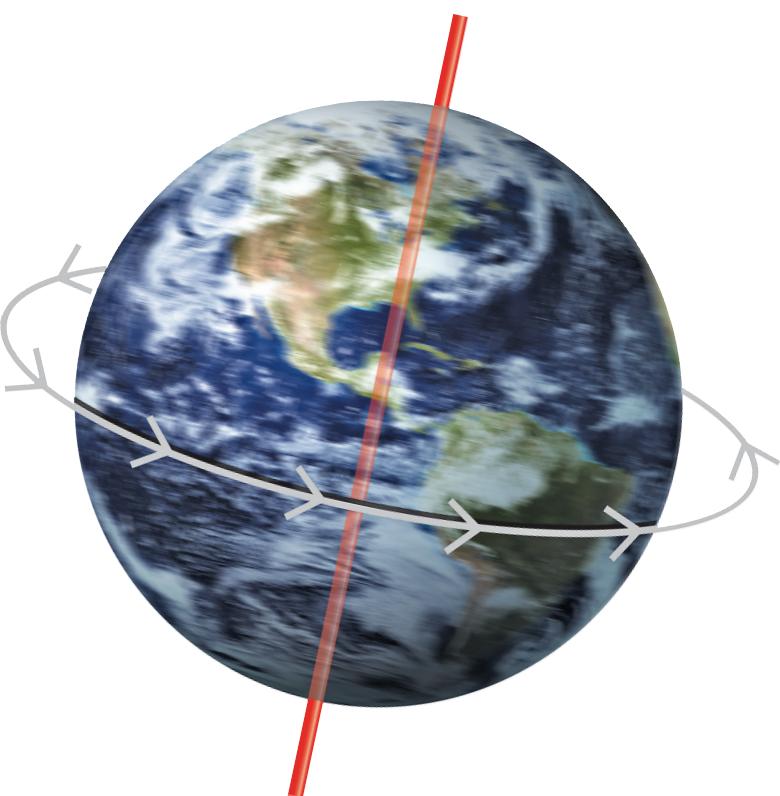


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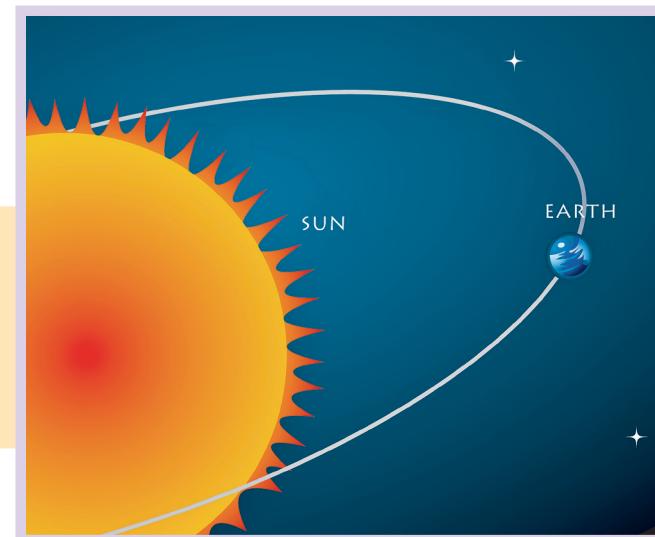
The Sun

On Earth, it looks as if the sun moves across the sky. It is really the Earth that is moving. The Earth rotates, or spins, just like the globe in your classroom.



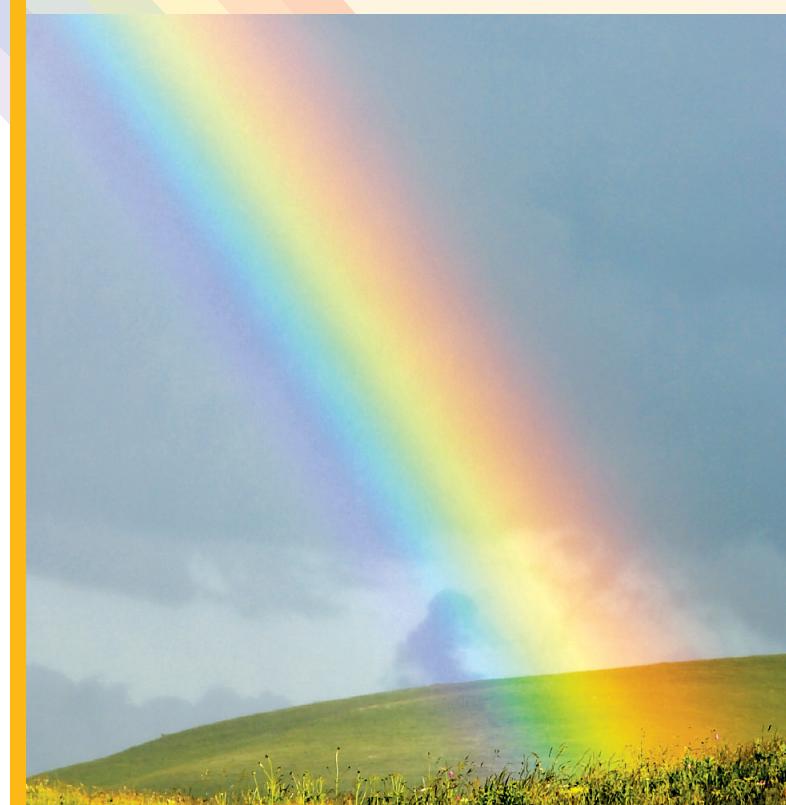
As the Earth rotates, the sunlight hits a different part of the world. That's why it's day on one side of Earth, when it's night on the other.

The Earth moves around the sun. It takes one year for the Earth to go all the way around the sun. How many days are in one year? _____



Look & Learn

When sunlight hits a raindrop, the sunlight bends. That makes a rainbow.



Do you know the colors of the rainbow? Red, orange, yellow, green, blue, indigo and violet are the colors of the rainbow.

What Makes a Rainbow?

WHAT YOU NEED

- a shoe box • scissors • a glass
- a piece of white paper
- water • a sunny day

WHAT TO DO

1. Cut a small slit in one end of the shoe box.
2. Put the paper on the bottom and side of the shoe box.
You may have to trim it to make it fit.
3. Set the box in a window. Turn the side with the slit toward the sun.
4. Fill the glass with water. Put it in the box next to the slit.
5. Do you see a rainbow on the paper?



WHAT HAPPENS

The sunlight comes into the box. When the light hits the water, the light bends. Different parts of the light make different colors of the rainbow.

Think about a time you saw a rainbow. Answer the questions below.

1. What did it look like? _____

2. What do you think was happening outside before you saw it? _____

