

## Day and Night Sky

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### Summary

The Sun is a big ball of hot gas. Living things need the Sun's light. The Sun seems to move across the sky because the Earth is always moving. The Earth's rotation gives us night and day. The part of Earth facing the Sun has day; the part facing away has night. The Earth is one of eight planets that move around the Sun. The planets, stars, and the Moon look small because they are far from the Earth. The Moon is not like Earth. It has no air and no living things. The Moon changes because we only see the part that is lit by the Sun. The Moon's movement around Earth makes the shape of the Moon seem to change.

### Before Reading

#### Take a Picture Walk

Build background for the book by taking a picture walk with children. Discuss the pictures and preview the key vocabulary and concepts. Ask children to talk about the differences between day and night.

#### Vocabulary

Moon, planet, rotation, star, Sun, telescope

#### Comprehension Skill: Important Details

*Say:* This book tells about things we can see in the day and night sky. As you read, look for details that tell about things we can see in the day and night sky.

### During Reading

#### Think Critically

Have children answer the *What Did You Learn?* questions located on the inside back cover of their book.

- 1. What do living things need from the Sun?** Living things need light from the Sun. The Sun gives us light and heat.

- 2. What movement of the Earth makes day and night?** The Earth's rotation makes day and night.

### After Reading

#### Writing in Science

Many objects in the sky look small but they are not small. They are big. Write to explain this. Use words from the book as you write.

#### Organize Information

*Graphic Organizer: Important Details*  
Have children complete the Important Details chart on the BLM for this Leveled Reader to use details from the book to describe the Moon.

#### Related Resources

Vocabulary Cards	Equipment Kit
Every Student Learns	Activity Flipchart
Quick Study	LabZone
Big Book of Science Songs and CD	
Graphic Organizer Transparencies	
Quick Activity Transparency	
<a href="http://www.pearsonsuccessnet.com">www.pearsonsuccessnet.com</a>	

**Write your answers.**

1. What is the Sun?

**The Sun is the closest star to the Earth.**

2. Most planets are hard to see.

What can we use to see planets?

**We use telescopes to see planets.**

3. The Moon seems to change in the night sky.

How many days does it take for the Moon to change?

**It takes the Moon about 29 days to change.**

4. How can you describe the Moon?

Use the graphic organizer to help you.

**Possible answer:**

## **Important Details**

