

Objects in the Sky



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Objects in the Sky

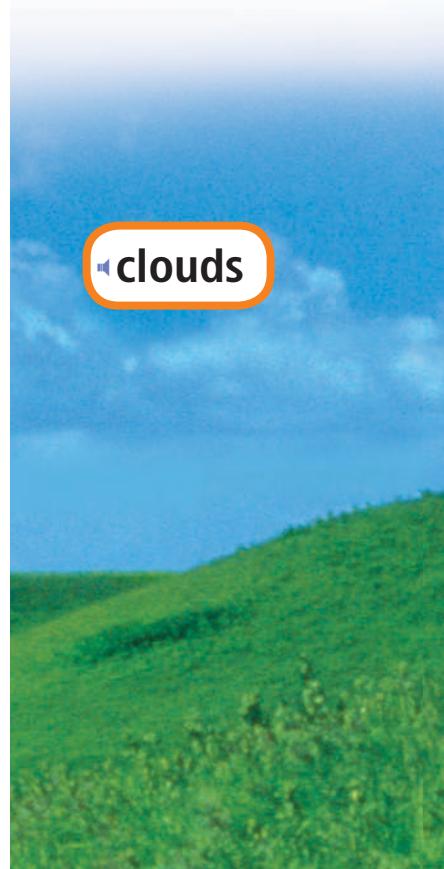
- The Daytime Sky 2
- The Nighttime Sky 4
- Day and Night 6
- Changes in the Moon 8
- Exploring the Moon 10



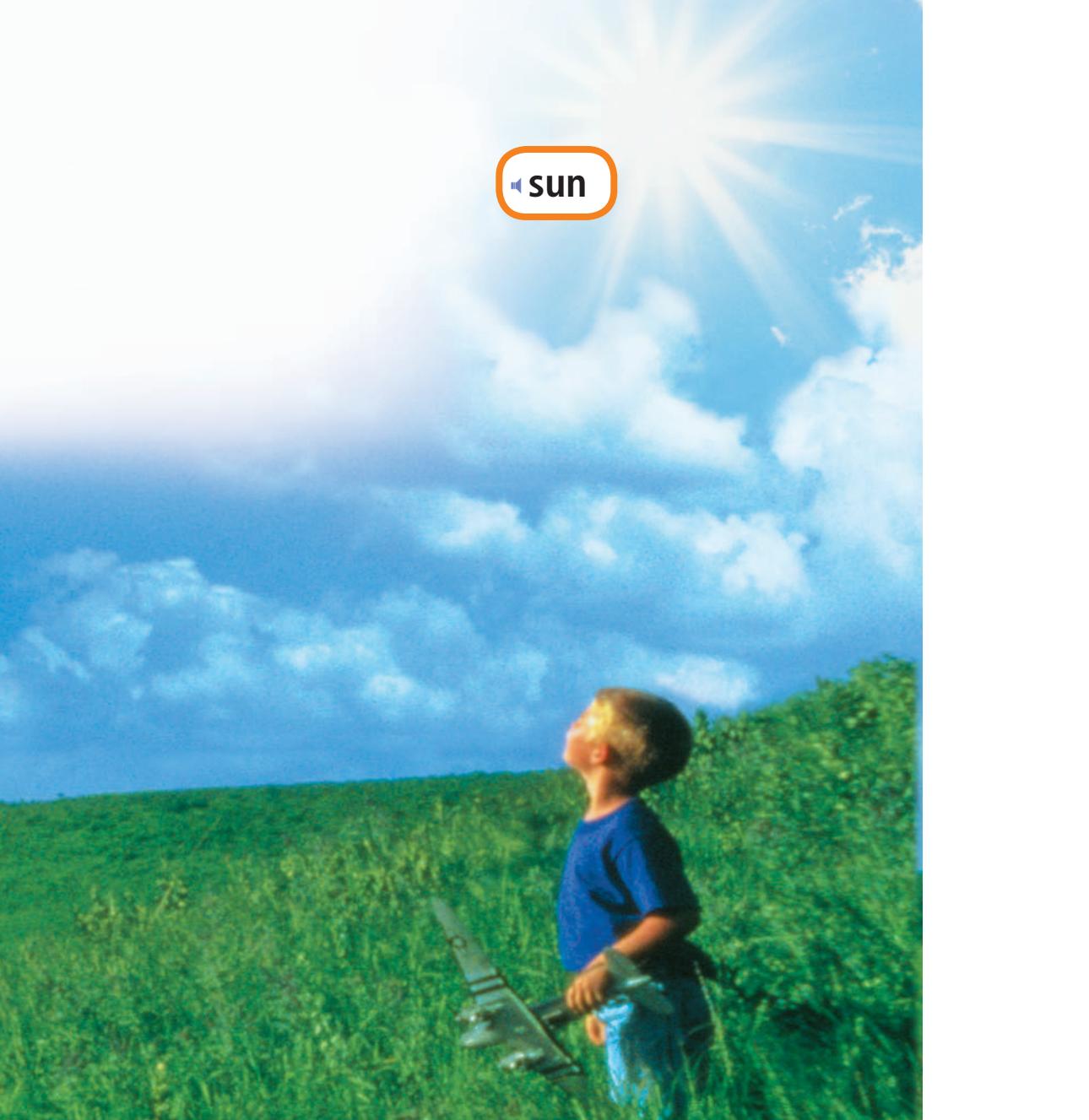
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The Daytime Sky



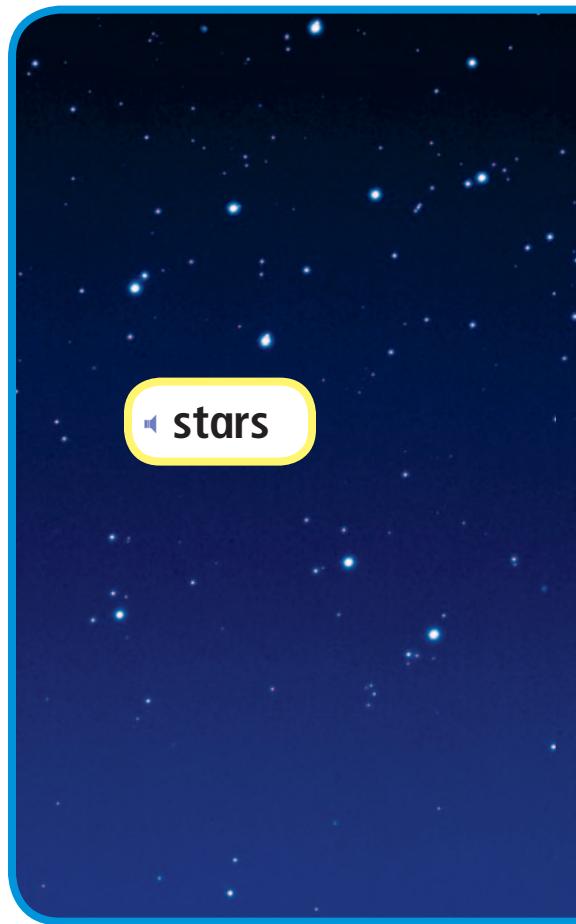
- ▶ In the daytime sky you may see clouds.
- ▶ You may see the sun.

A photograph of a young boy with blonde hair, wearing a blue t-shirt, standing in a lush green field. He is looking upwards towards the sky, which is filled with white clouds and bright sunlight. In his hands, he holds a toy airplane. The word "sun" is written in a bold, sans-serif font inside an orange rounded rectangle, positioned in the upper right corner of the image.

sun

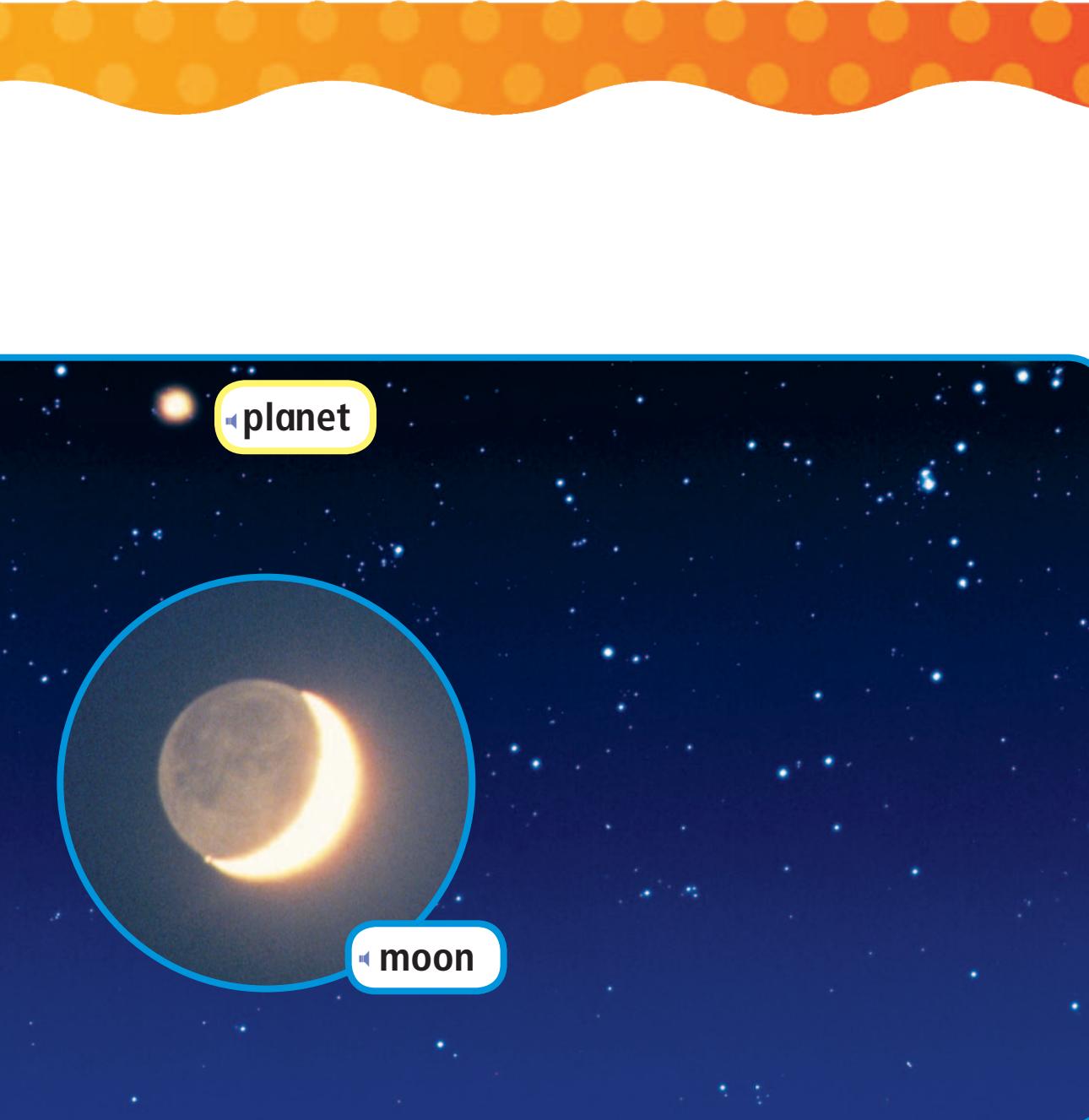
- ▶ The sun is a star.
- ▶ A star gives off its own light.

The Nighttime Sky



▶ stars

- ▶ In the nighttime sky you may see stars.
- ▶ You may see planets and the moon.



- ▶ The moon is a huge ball of rock.
- ▶ It does not give off its own light.

Day and Night

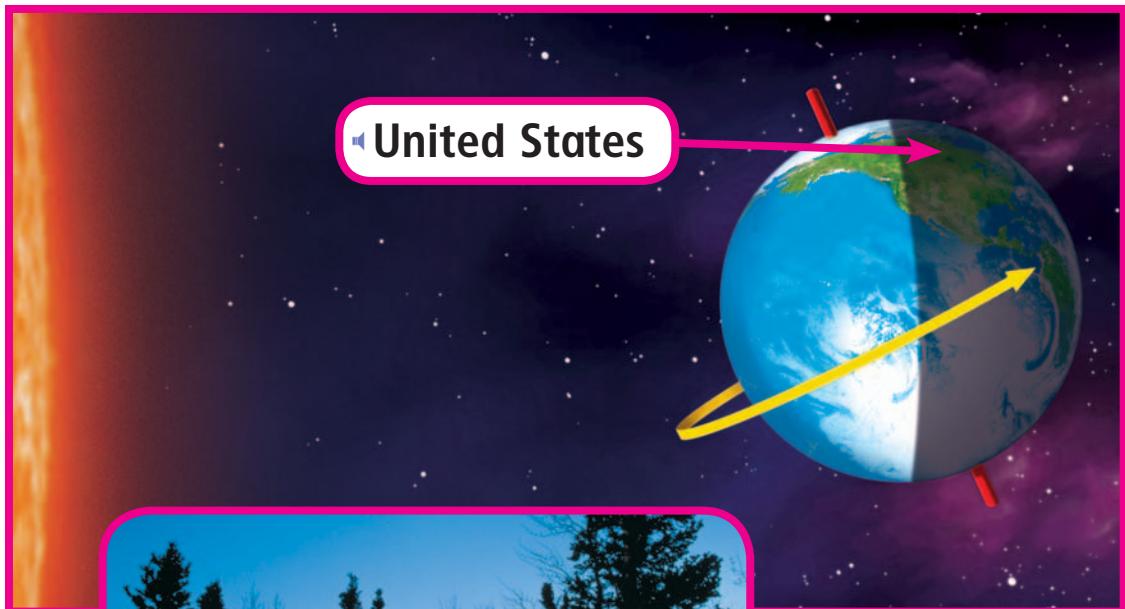
- ▶ The sun seems to move in the sky.
- ▶ It does not move. Earth moves.



▶ day



- ▶ The Earth rotates, or spins like a top.
- ▶ The part facing the sun has day.



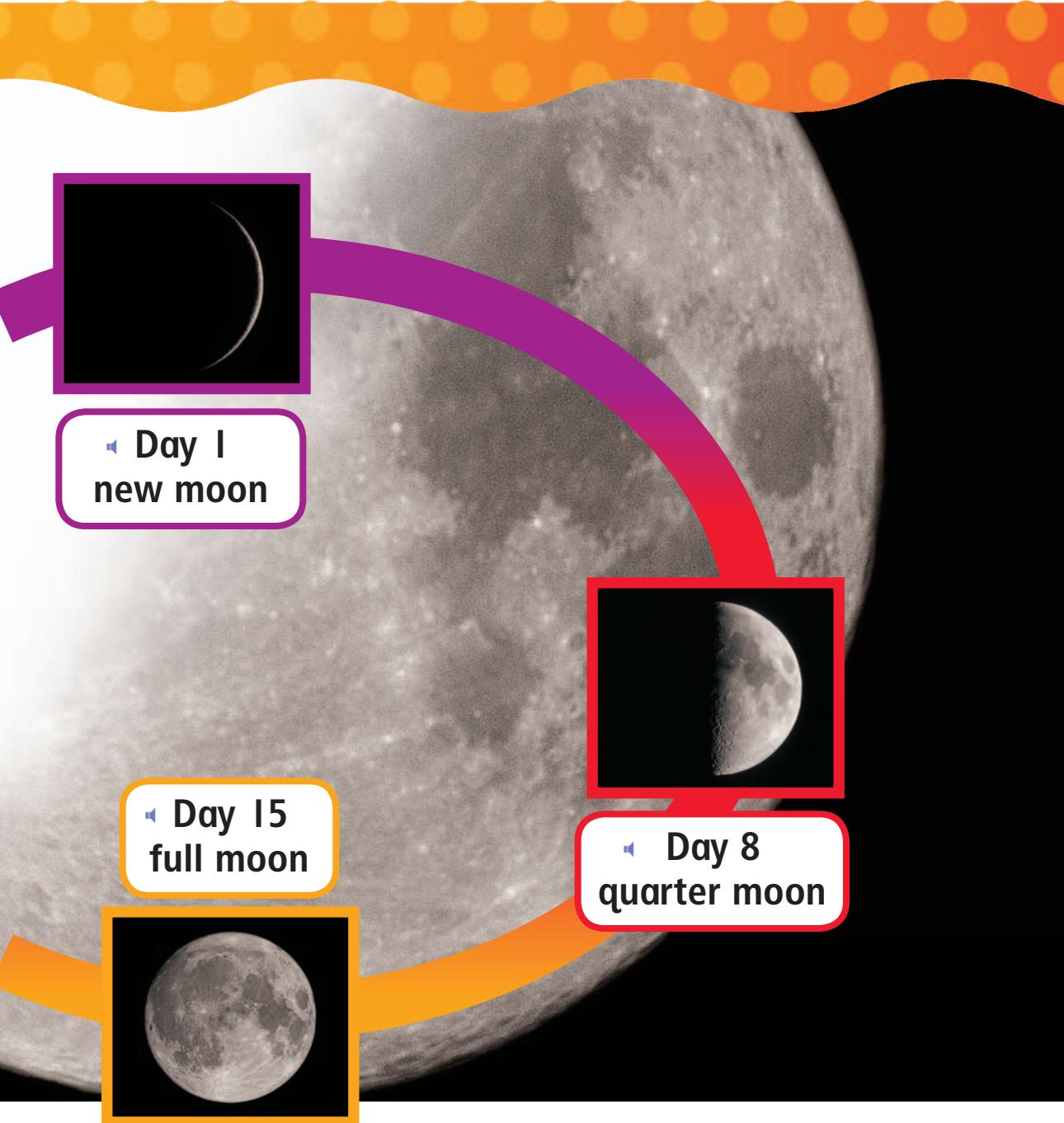
▶ night

Changes in the Moon



Day 22
quarter moon

- The moon's shape seems to change.
- The changes make a pattern.



- The pattern takes about 29 days.
- After about 29 days, it repeats.

Exploring the Moon



- In 1969 astronauts went to the moon.
- They saw the moon's gray dust.



moon rock



footprints in
moon dust



crater

- They saw craters and rocks.
- Craters are holes shaped like bowls.

► **Vocabulary**

- **sun**, p. 2
- **star**, p. 3
- **moon**, p. 4
- **rotate**, p. 7
- **crater**, p. 11

- ▶ **Think About the Reading**

- **1.** What questions do you have after reading this book?
- **2.** How can you find answers to these questions?

- ▶ **Hands-On Activity**

- Observe the moon each night for a month. Draw a picture of what you observe. Write the date on your picture.

- ▶ **School-Home Connection**

- Tell a family member what you have read about the objects in the sky. Talk with the family member about the different objects you have seen.