MORNING

Sun

movement

Shadow

size

Shadow size

Shadow size

Shadow size

Read the short story and answer each question.

The Sun and Shadows

The sun gives us heat and light. It helps plants grow and keeps us warm.

The sun also makes shadows. A shadow is made when something blocks sunlight.

In the morning, the sun is low in the sky. Shadows are long and stretch to the west.

At noon, the sun is high in the sky. Shadows get very short.

In the evening, the sun is low again. Shadows grow long and stretch to the east.

The sun's position in the sky is connected to the size and direction of shadows we see.



The Sun and Shadows

- 1. What happens to shadows when the sun is high in the sky?
- A. They grow longer
- B. They disappear
- C. They get shorter
- D. They move to the west

- 2. What causes shadows to change size?
- A. The shape of the moon
- B. The time of day and the sun's position
- C. The weather getting cold
- D. The light from a flashlight

3. Fill in th	ne blank:
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When the sun is low in the sky, shadows become ______

4. What is the connection between the sun's position and the way shadows look?

5. What does the text teach you about how shadows change from morning to evening?

Parent and Teacher Guide

Guide Reading Level: G Lexile Level: 165L-305L

Grade Level: 1st Grade, Middle of the Year **Genre:** Informational Text (Physical Science)

Introducing the Text

"Today we'll read a nonfiction passage about the sun and shadows. We'll practice looking for two connected ideas: how the sun's place in the sky changes, and how that affects what we see on the ground. This helps us describe how two things in a science text are related."

Vocabulary: shadow, sunlight, position, stretch, direction

Before Reading Discussion Questions

- Have you ever noticed your shadow getting longer or shorter during the day?
- 2. What do you think causes that?
- 3. What else does the sun help with?

During Reading Discussion Questions

- 1. When are shadows long?
- 2. When are they short?
- 3. How does the sun's place in the sky change from morning to night?

After Reading Discussion Questions

- 1. What is the connection between the sun's position and shadow size?
- 2. What two parts of the text helped you understand how shadows change?
- 3. How did the author show the pattern of change across the day?

Activity Idea

Students create a 3-part diagram of a stick figure and shadow in the morning, noon, and evening. In each part, they draw and label the sun's position and describe the shadow. Then they write 1–2 sentences about how the sun and shadows are connected.

