Science Fables

The Day the Sun Disappeared

Story Quiz

This quiz follows Anaya and Miles as they learn how a solar eclipse happens and how to observe one safely.

1. What causes a solar eclipse?

A. Earth moves between the Sun and the Moon
B. The Moon moves between the Sun and Earth
C. Clouds completely cover the Sun
D. The Sun stops producing light

2. What happens during a solar eclipse?

A. The Moon blocks some or all of the Sun's light from reaching part of Earth
B. Earth blocks sunlight from reaching the Moon
C. The Sun moves behind Earth
D. The Moon produces its own light

3. Why did the sky become darker and the air feel cooler?

A. A storm was approaching
B. The Moon blocked some of the Sun's light and warmth
C. The Sun moved farther away
D. Night began earlier than usual

4. What is the safe way to look at a solar eclipse?

A. Through ordinary sunglasses
B. Through binoculars
C. By using approved eclipse glasses
D. By looking directly at the Sun for only a few seconds

5. What is the difference between a total and partial solar eclipse?

A. A total eclipse blocks the entire Sun, while a partial eclipse blocks only part of it
B. A partial eclipse happens only at night
C. A total eclipse lasts all day
D. A partial eclipse occurs when Earth blocks the Moon

Answer Key

1. B — The Moon moves between the Sun and Earth

A solar eclipse happens when the Moon moves between the Sun and Earth.

2. A — The Moon blocks some or all of the Sun's light from reaching part of Earth

During a solar eclipse, the Moon blocks some or all of the Sun's light from reaching part of Earth.

3. B — The Moon blocked some of the Sun's light and warmth

The sky became darker and the air felt cooler because the Moon blocked some of the Sun's light and warmth.

4. C — By using approved eclipse glasses

The safe way to look at a solar eclipse is by using approved eclipse glasses.

5. A — A total eclipse blocks the entire Sun, while a partial eclipse blocks only part of it

In a total solar eclipse, the entire Sun is blocked; in a partial eclipse, only part of it is blocked.