

Name: _____ Date: _____

Answer Key: Sun and Shadows Kindergarten Space Quiz

Young observers track the Sun's daily path and how it changes their own shadows on the playground.

1. Imagine you are wearing a warm coat and playing outside in the Morning. Where is the Sun in the sky?

Answer: B) Low and just waking up

In the morning, the Sun appears low on the horizon as the Earth rotates toward it.

2. Your shadow stays the exact same size all day long from breakfast to bedtime.

Answer: B) False

Shadows change length because the Sun's position in the sky changes throughout the day.

3. At lunchtime, the Sun is very high up. This makes your shadow look very ____.

Answer: B) Short

When light comes from directly above you, it creates a very short or small shadow.

4. Why does it get dark outside at night when you go to sleep?

Answer: C) Our part of Earth turned away from the Sun

Night happens because Earth spins (rotates), and our side moves away from the Sun's light.

5. The Sun is a very bright star that gives Earth light and heat.

Answer: A) True

The Sun is our closest star and provides the energy needed for life on Earth.

6. When the Sun is setting in the evening, your shadow will look ____.

Answer: A) Long

When light comes from a low angle, like at sunset, it stretches shadows out to be very long.

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7. Which big object in space moves around the Earth and can be seen at night?

Answer: B) The Moon

The Moon is Earth's neighbor in space and orbits around our planet.

8. The Moon actually changes its shape into a real crescent or a circle.

Answer: B) False

The Moon is always a ball shape; it only looks different because of how the Sun's light hits it.

9. Earth is the ___ we live on in space.

Answer: B) Planet

Earth is one of the many planets in space, and it is the one we call home.

10. If you want to see the stars clearly, which is the best time to look?

Answer: C) When Earth turns away from the Sun at night

Stars are always there, but we can only see them when our side of Earth is dark at night.