

Grade: 5

Subject: Science

Topic: Earth, Sun & Moon



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1. Which of these is the largest?

- A) Moon
- B) Earth
- C) Sun
- D) A star

2. What causes day and night on Earth?

- A) The Earth moving around the Sun
- B) The Sun moving around the Earth
- C) The Earth rotating on its axis
- D) The Moon orbiting the Earth

3. What shape is the Earth?

- A) Flat
- B) Square
- C) Sphere
- D) Triangle

4. What is the Sun?

- A) A planet
- B) A star
- C) A moon
- D) A comet

5. If you could travel to the moon, what would you see in the sky?

- A) The Sun and many stars
- B) Only the Earth
- C) The Sun and many other moons
- D) Only the stars

6. Why do we have different seasons?

- A) The Earth gets closer and farther from the Sun.
- B) The Sun changes in size.
- C) The Earth's tilt on its axis changes how much sunlight different parts receive.
- D) The Moon blocks the Sun's light.

7. Imagine you're observing the Moon over several nights. What change would you likely see?

- A) The Moon stays exactly the same size and shape.
- B) The Moon disappears completely.
- C) The Moon changes shape (phases).
- D) The Moon changes color dramatically.

8. During a solar eclipse, what happens?

- A) The Earth blocks the Sun's light from reaching the Moon.
- B) The Moon blocks the Sun's light from reaching the Earth.
- C) The Sun blocks the Earth's light from reaching the Moon.
- D) The Moon blocks the Earth's light from reaching the Sun.

9. A student wants to test how the angle of sunlight affects the length of a shadow. What would be the best way to conduct this experiment?

- A) Observe shadows at different times of day.
- B) Observe shadows in different rooms.
- C) Observe shadows on different planets.
- D) Observe shadows under different types of trees.