

Name _____

The Sun: Our Solar System's Glorious Star

Multiple Choice Questions

1. What is the primary function of the Sun in our solar system?
 - A) Generating solar winds
 - B) Providing radiant energy
 - C) Creating elements through nuclear fusion
 - D) Causing solar eclipses

2. How does the Sun's gravitational pull affect the planets in our solar system?
 - A) It causes them to rotate.
 - B) It keeps them anchored in their orbits.
 - C) It generates weather patterns.
 - D) It creates auroras.

3. What process on Earth is driven by the Sun's radiant energy?
 - A) Photosynthesis
 - B) Volcanic eruptions
 - C) Plate tectonics
 - D) Ocean currents

4. Which celestial event occurs when the Moon passes between the Earth and the Sun, temporarily blocking out the Sun's light?
 - A) Solar flares
 - B) Solar winds
 - C) Solar eclipses
 - D) Solar gravity

5. What role does nuclear fusion play within the Sun?
 - A) Generating solar winds
 - B) Producing elements like carbon and oxygen
 - C) Creating auroras on Earth
 - D) Fueling Earth's climate

