

Name \_\_\_\_\_

## The Sun: Our Solar System's Glorious Star

### Open-Ended Response Questions

1. Discuss the Sun's role in shaping our solar system and the various ways in which it influences life on Earth.
2. Explore the relationship between solar activity, sunspots, and solar flares, and their potential effects on Earth's climate and technology.
3. Reflect on the significance of the Sun's gravitational pull and its impact on the stability of our solar system.
4. Imagine a world without the Sun. How would our planet and its ecosystems be different, and how would it impact human civilization?

