

Name _____

The Mighty Sun: Our Stellar Neighbor

Open-Ended Response Questions

1. Why is the Sun considered the center of our solar system, and what role does it play in maintaining the stability of our planetary system?
2. Discuss the layers of the Sun and the specific characteristics of each layer, highlighting the significance of the core in particular.
3. In your own words, describe the concept of nuclear fusion and how it differs from nuclear fission.
4. Imagine a day without sunlight. How would it impact life on Earth, and what activities or processes would be affected the most?

