

Name \_\_\_\_\_

## The Sun's Recipe: Unraveling Its Composition

### Open-Ended Response Questions

1. Discuss the significance of hydrogen and helium in the Sun's composition and their role in the Sun's energy production.
2. Describe the layers of the Sun and explain the unique characteristics and functions of each layer.
3. How does the Sun's composition and energy production impact life on Earth and our planet's climate?
4. Reflect on the Sun's future as a red giant and a white dwarf. What implications might these transformations have for our solar system?

