

Name \_\_\_\_\_

## Astronauts and the Wonders of Weightlessness: Exploring Microgravity in Space

### Open-Ended Response Questions

1. How might the experience of living and working in microgravity change an astronaut's perspective on life?
2. Discuss the potential long-term effects of microgravity on the human body and how astronauts counteract these effects.
3. Imagine you are an astronaut in space. Describe a typical day in your life, including how you eat, sleep, and perform your duties in a microgravity environment.
4. Why do you think it's essential for scientists to conduct experiments in microgravity? Provide examples of how this research might benefit us on Earth.

