

Name \_\_\_\_\_

## Sublimation and Deposition: The Magical Phase Changes

### Open-Ended Response Questions

1. Discuss the practical applications of sublimation and deposition in scientific research and technology, beyond the examples mentioned in the passage.
2. Compare and contrast sublimation and deposition in terms of the changes in energy, particle movement, and state of matter involved.
3. Explain why sublimation and deposition are significant in the field of chemistry and how they can be controlled or harnessed for various purposes.
4. Explore the impact of sublimation and deposition on the climate and ecosystems, considering their role in the water cycle and weather patterns.

