Name _____

Molecular Magic: Solids, Liquids, and Gases

Open-Ended Response Questions

1. Provide real-life examples of each state of matter and explain why they exhibit those properties in their respective states.

2. How does the arrangement of molecules in water change as it transitions from a solid to a liquid and then to a gas?

3. Why is it important to understand the behavior of molecules in different states of matter in daily life and scientific research?

4. Discuss the role of energy in the phase changes of matter and how it affects the motion of molecules.

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