

Particle Model of Matter

The particle model of matter helps us understand what all matter is made of and how it behaves. There are four main ideas in the particle model: **all matter is made of tiny particles, the particles are always moving, there is space between the particles, and when heat is added the particles move faster.** In solids, liquids, and gases, the particles are arranged differently and move at different speeds. As particles gain energy from heat, they move faster and spread farther apart. Understanding the particle model helps explain changes of state such as melting, freezing, evaporation, and condensation.

Key Words: (3-5 words per sentence)

1. _____, _____, _____, _____, _____
2. _____, _____, _____, _____, _____
3. _____, _____, _____, _____, _____
4. _____, _____, _____, _____, _____
5. _____, _____, _____, _____, _____
6. _____, _____, _____, _____, _____

Paragraph Re-Write
