**Grade 7 Science – The Particle Model**

**The particle model of matter is a scientific description of many**

**different features of tiny particles. The most important ideas of the model are:**

**1) All substances are made of tiny particles too small to be seen.**

**2) The particles are always in motion—vibrating, rotating, and (in liquids and**

**gases) moving from place to place.**

**3) The particles have spaces between them.**

**4) The motion of the particles increases when the temperature increases.**

**The motion of the particles decreases when the temperature decreases.**