

# Vocabulary



**contract** to get smaller in size

When something is cooled, its particles move closer together. The amount of space between particles gets smaller.

**expand** to get larger in size

When something is heated, its particles spread out. The amount of space between particles gets bigger.

**heat energy** the energy of moving particles

The particles that make up solids, liquids, and gases are always moving. When heat energy is added, particles move even faster. When heat energy is taken away, particles move slower.