

*KMT states:

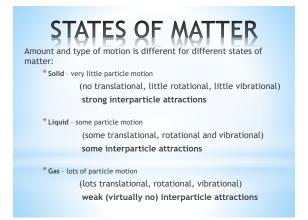
*All substances are made of particles in constant motion

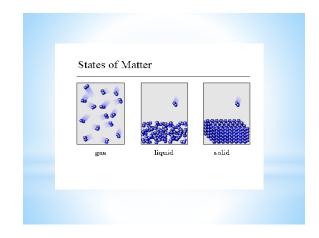
*Three Types of Motion:

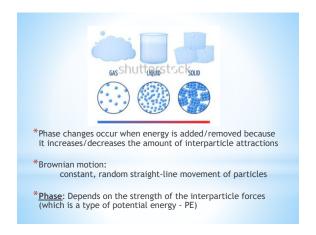
*Translational - from one location to another

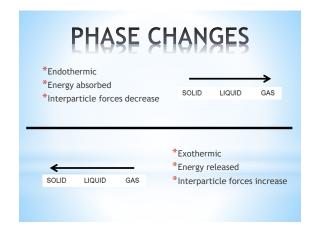
*Rotational - rotating on an axis

*Vibrational - stretching/shrinking of bonds, shaking, bending









During phase changes...

*...the energy involved changes the potential energy stored in the attractions between molecules

*Therefore...

- -PE changes occur during phase changes
- -KE does not change

○Therefore, no temp change during phase changes ○Remember...Temperature = measure of average KE of particles