Melting
- the physical change of a substance from solid to liquid when heat (energy) is added
- the pressure at which melting temp is defined is 1 atm

1 atm = atmosphere
- 1 atm is equal the pressure felt at sea level on Earth

- according to kinetic theory, at this point though kinetic energy is present to overcome the "bonds" that are holding them together.

Intermolecular bonds
- not actual bonds like chemical bonds
- more attractions

Vaporization (liquid → gas)
- boiling is equally acceptable to describe

* Evaporation is not the same thing
  - it is a phase change but occurs on the surface of a non-boiling liquid

Sublimation
  - carbon dioxide
dry ice does this (solid CO₂)