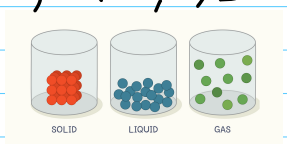
Particle Model of Matter (PMOM)

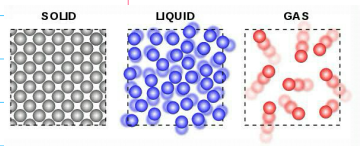
Everything is Matter

↳ usually classified as Solid, Liquid, Gas



#1 - All Matter = tiny Particles
- More particles in a volume of solid than in the same volume of gas

#2 - the tiny particles are always moving/vibrating



Solids = wiggle in place

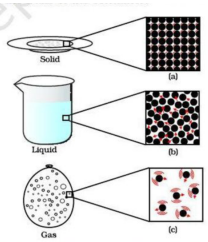
Liquids = particles are sliding around/over each other.

Gases = moving as far as the space allows

#3 - Particles may be attracted to each other or bonded together.

↳ some have stronger attractions than others

#4 - Particles have space between them



Less space ——— More space

Solids — Liquids — Gasses