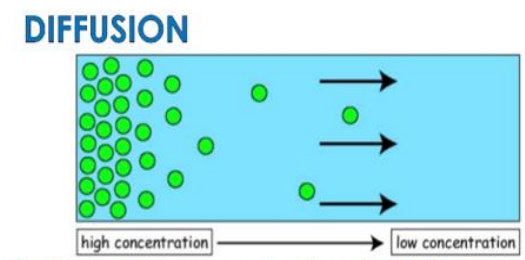
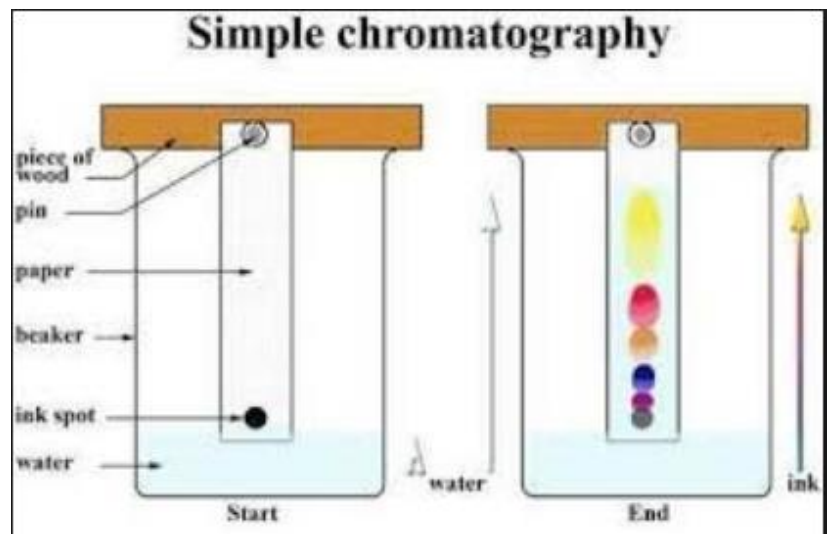
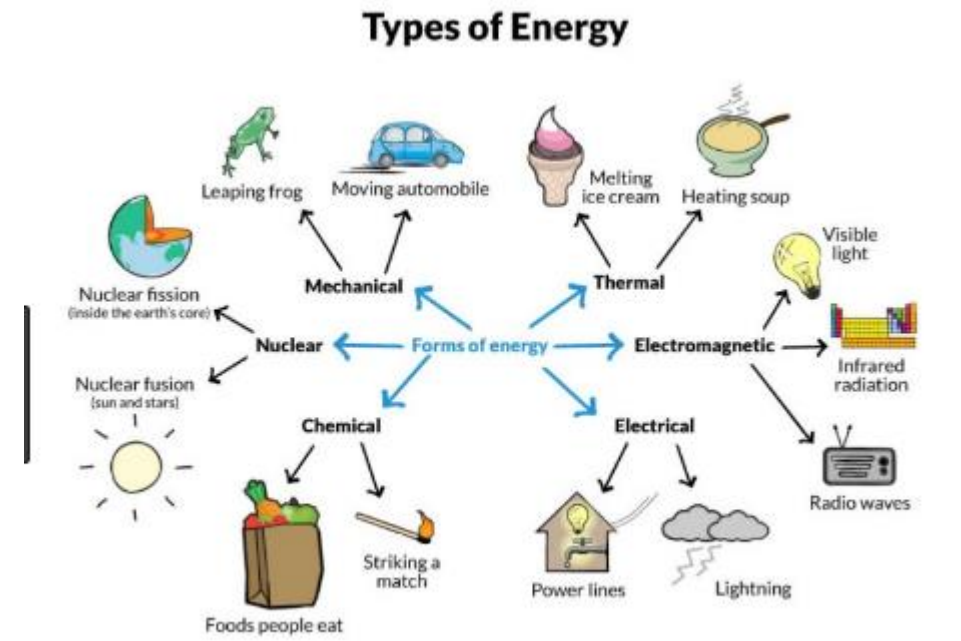
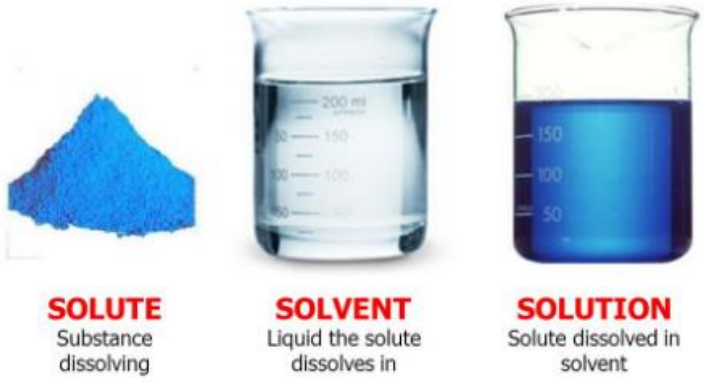


Year 7 Noah's Ark – Particles, Energy and Pure and Impure



- The net movement of particles from an area of **high concentration** to an area of **low concentration**
- Due to the **random** movement of particles
- A **passive** process which means that **no energy** is needed

solid	liquid	gas
● rigid	● not rigid	● not rigid
● fixed shape	● no fixed shape	● no fixed shape
● fixed volume	● fixed volume	● no fixed volume
cannot be squashed	cannot be squashed	can be squashed

Total ENERGY = Joules (J)

Potential to KINETIC	Light to CHEMICAL/ HEAT
Chemical to MECHANICAL	Mechanical to SOUND
Electrical to LIGHT	Chemical to HEAT