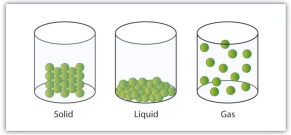
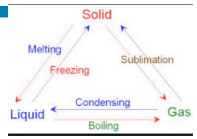
Kinetic theory and Heat

- states of matter
  - diagrams



  - properties
    - solid
    - liquid
    - gas
  - changing between states



- evidence for particles
  - diffusion
  - Brownian motion
- heat transfer
  - conduction
    - metals
    - energy transfer
  - convection
    - liquids and gases
    - energy transfer
  - radiation
    - properties that affect amount of radiation
      - colour
      - surface
    - reducing
- evaporation
  - factors that affect rate
  - difference to boiling
- effects
  - animal adaptations
    - cold climates
    - hot climates
  - expansion due to heating
    - advantages
    - disadvantages
  - insulation
    - houses
    - thermos flasks
    - other