

5.2 & 5.3 Properties & Changes of Matter

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Physical Properties

- something you can observe with your senses

- ↳ Melting Point
- ↳ Boiling Point
- ↳ Malleability
- ↳ Ductility
- ↳ Solubility
- ↳ Conductivity
- ↳ Density

Physical Change. no new products are formed but state may change

- ↳ easily reversible
- ↳ changed shape or form
- ↳ changes the speed or spacing between molecules
ex boiling water

Types

- melting
- freezing
- boiling
- condensing
- dissolving
- mixing substance together

Chemical Properties

- describes the behaviour of a substance as it changes into a new substance
↳ a new color may appear

- ↳ heat or light may be given off
- ↳ bubbles of gas may be formed
- ↳ solid material may be formed in a liquid
- ↳ change is difficult to reverse