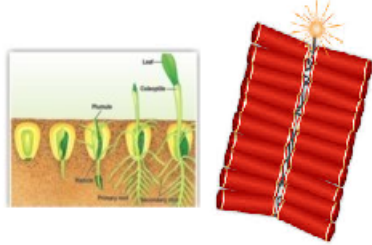
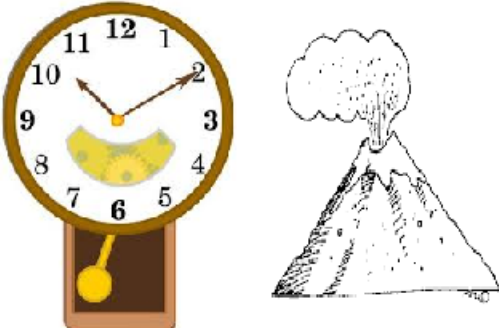


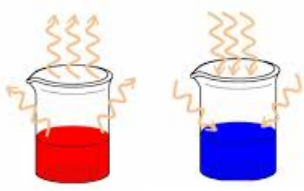



ICSE CLASS 6 CHEMISTRY CHANGES AROUND US

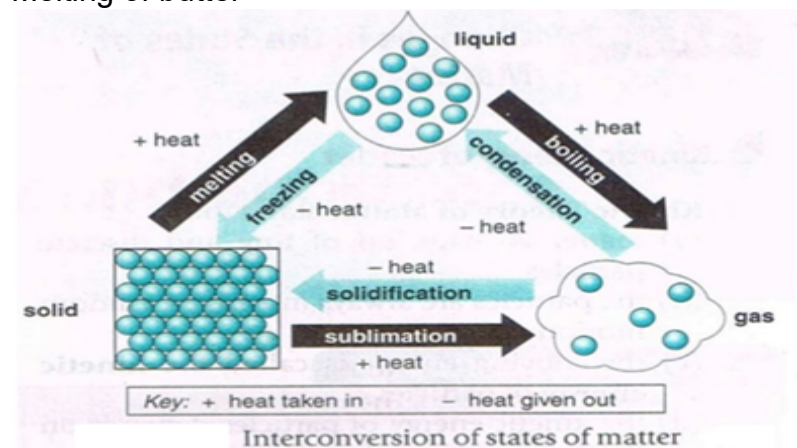
CHANGES BASED ON SPEED  Slow (growth of plant) Fast Bursting crackers	CHANGES BASED ON TIME INTERVAL  Periodic Swinging of clock Non-periodic Volcanic Pendulum eruption	CHANGES BASED ON USE  Desirable Setting of curds Undesirable forest fire
CHANGES BASED ON OCCURRENCE  Natural Day and Night Man-made cooking food	CHANGES BASED ON ENERGY  Exothermic Heat Released Endothermic Heat absorbed	CHANGES BASED ON REVERSIBILITY  Reversible Boiling water Irreversible Boiling milk

Physical change	Chemical change
Easily reversible	Irreversible
Only change of state occurs. No change in composition of reactants	Composition and properties of reactants change
No new products are formed	New products are formed
No energy changes	Accompanied by energy change e.g. giving out of heat, light, sound
Temporary change	Permanent change

Examples

Change in state

Melting of butter



Examples

Cooking food

Curdling of milk

Fermentation

Digestion of food

Rusting of iron (formation of iron oxide when iron is exposed to moist air)

Burning of fuel