

Expansion
Increase in volume due to heating

Contraction
Decrease in volume due to cooling

Physical change
-No new substance formed
-Can get back the original substance
-eg tearing of paper

Chemical change
-One or more new substance formed
-Cannot get back the original substance easily
-eg cooking food

Solid
-Molecules tightly packed
-Definite shape

Liquid
-Molecules loosely packed
-No definite shape

Solid
-Molecule tightly packed
-Definite shape
-Definite volume

Gas
-Molecules far apart from each other
-No definite shape
-No definite volume

Liquid
-Molecules loosely packed
-Definite volume

Gas
-Molecules far apart from each other
-No definite volume