Properties of Matter Knowledge Organiser

Tier Three Vocabulary

Solubility: a measurement of how much of a substance will dissolve in a given volume of a liquid.
Conductivity: a measure of how materials allow electric currents flow more freely than others.
Evaporation: the process of turning from liquid into vapour.
Filtering: pass (a liquid, gas, light, or sound) through a device to remove unwanted material.
Transparency: the condition of being transparent- see through.
Permeability: the condition of allowing liquids or gases to pass through it.
Solution: a specific type of mixture where one substance is dissolved into another.

evaporation – used for separating a soluble solid and a liquid

sieving – used for separating two solids

magnets – used for separating magnetic and non-magnetic materials

filtration – used for separating a liquid and a solid

States of matter can change when they are heated or cooled.



