Properties and changes in materials

Subject Specific Vocabulary

soluble	a substance that will dissolve in water
insoluble	a substance that will not dissolve in water .
saturation	the point at which no more solute can be dissolved
solution	a soluble solid is dissolved in liquid to form a solution
filtration	the collection of larger particles in a mixture
boiling	the process by which molecules of a liquid change to vapour (much faster change than evaporation)
condensing	the change of vapour into a liquid
evaporation	change from a liquid to a vapour
Melting point	the point at which a solid substance liquefies
reversible change	a physical change that we can undo
irreversible change	a physical change that we cannot undo

Recommended reads



STICKY KNOWLEDGE

- Know and demonstrate how some materials can be separated (e.g. through filtering, sieving and evaporating)
- Know and demonstrate that some changes are reversible and some are not
- Know how some changes result in the formation of a new material and that this is usually irreversible



Crucial Connections

- https://www.bbc.co.uk/bitesize/topics/zgwc96f

Aspirations

- Scientist
- Meteorologist
- Teacher
- Physicist