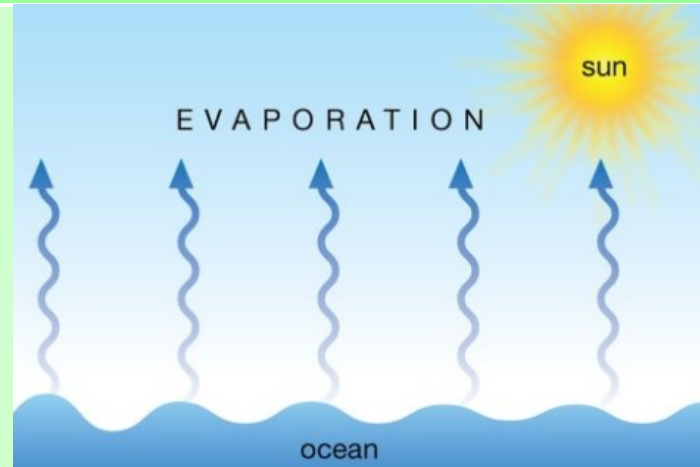


Changes of materials

Vocabulary	Definition
dissolve	A solid that completely mixes in a liquid.
soluble	Solids that dissolve in liquids, so that you can no longer see any bits.
solution	A mixture of a liquid with a dissolved solid.
insoluble	Solids that do not dissolve in liquid.
filter	Separates an insoluble solid that is mixed in a liquid.
evaporation	Separates a soluble solid and a liquid.
reversible change	Changes that are not permanent and can be switched back, eg dissolving, melting, freezing.
non-reversible change	Changes that cannot be reversed back to their original state. E.g. burning, rusting.

Non-reversible changes	These result in the formation of new materials
Burning	
Rusting	
Mixing vinegar and bicarbonate of soda	

Separating materials	Reversing the process to get back the original materials.
Filtering separates insoluble solids from liquids.	
Evaporating separates soluble solids from liquids.	

Reversible changes	These changes are not permanent.
Dissolving sugar in water to make a solution.	