

Mixture	Two or more substances that are combined , keep their own properties, and can easily be separated.
Physical Property	A property that can be observed, measured, or changed without changing the substance.
Matter	Anything that has mass and takes up space
Solution	A mixture in which one substance dissolves evenly into another.
Dissolve	To completely break down and be absorbed in a liquid.
Solute	The substance that is dissolved into a liquid.
Solvent	The liquid used to dissolve the substance.
Physical change	A change to a material's physical properties without changing what the material is made of. EX: cutting, melting, freezing, evaporating
Sieve	A tool used to separate large and small solids .
Magnet	A tool used to separate magnetic objects , such as Iron, from non-magnetic objects.
Filter	A tool used to separate solids from liquids .
Forceps / tweezers	A tool used to help separate objects of different sizes .
Evaporation	A method to separate salt and water by evaporating the water and leaving behind the salt.
How to Increase the rate of dissolution	Stirring: the movement of the liquid will create friction to help the solute dissolve faster. Cut It up: smaller pieces increase the surface area so more of the solvent touches the solute. Heat:               Higher temperatures make a solute dissolve faster in a liquid.