



# Properties and Changes of Materials



sieve

**Sieving: separating pasta from sand**

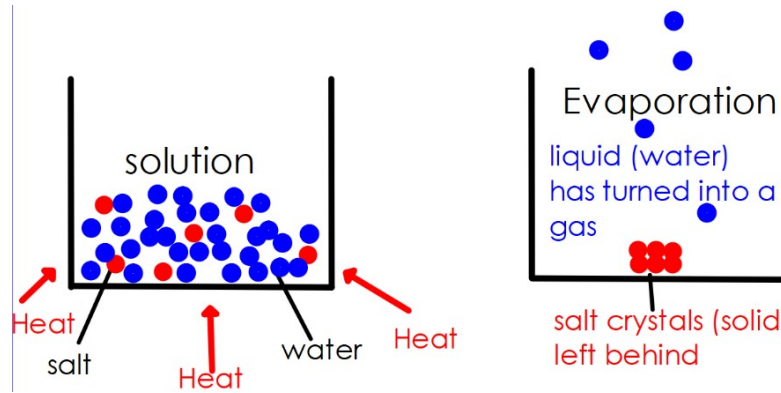


filter paper

**Filtration: separating sand from water**

## Separating Materials

**Evaporation: separating salt from water**

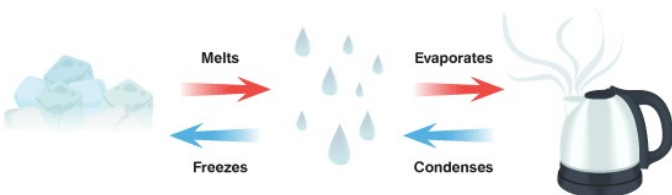
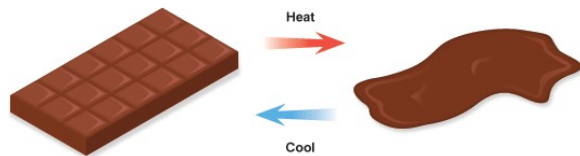


## Key Vocabulary

<b>SOLUTE</b>	The substance that dissolves in a liquid to make a solution.
<b>SOLUTION</b>	A liquid consisting of a solvent in which one or more substances have dissolved.
<b>SOLVENT</b>	A liquid in which a substance is dissolved to make a solution.
<b>SOLUBLE</b>	A substance is soluble if it dissolves in a solvent.
<b>SOLUBILITY</b>	A measure of how much solute dissolves in a solvent.
<b>INSOLUBLE</b>	A substance is insoluble if it does not dissolve in a solvent.

## Reversible and Irreversible

### Reversible



### Irreversible

