

Mixtures

Mixture = a combination of two or more substances that are NOT chemically combined

Ex: Cheese and tomato sauce do not react when put on a pizza

Ex: Salt and pepper do not react when you combine them

- No chemical change happens
 - Each substance stays the same chemically
 - DO NOT lose their properties, keep original properties
- ↳ Mixtures can be separated
- pick them out
 - distillation
 - magnet
 - centrifuge
 - filters

Solutions

Solution = a mixture that appears to be a single substance

- made up of 2 or more substances, evenly distributed
- has the same appearance and properties throughout

Solubility (Dissolving) = process in which the particles separate and spread evenly throughout a mixture

2 Parts of a Solution

1. Solute = the substance that gets dissolved

2. Solvent = the substance that does the dissolving

Ex: Salt Water = Salt = solute
Water = solvent