

## Ch. 10 - Matter and Its Properties

### L. 3 - What are mixtures and solutions? - page 356

#### 1. mixture

- two or more substances that are combined without changing any of the substances
- the substances can be separated
- example: mixed green salad with onions - you can take the onions out easily

#### 2. solution

- different kinds of matter are mixed completely with each other
- example: salt water - stir water and salt together become mixed and cannot be separated

#### 3. solubility

- a measure of how much of one material will dissolve in another material
- example: sugar is more soluble in water than in sand

#### 4. suspension

- particles of one ingredient are suspended, or floating, in another ingredient
- example: orange juice and pulp - pulp floats in orange juice
- example: oil and vinegar