

**Acid** - A substance which turns blue litmus red and has a pH less than 7. Acids have a sour taste and a sharp feel.

**Base** - A substance that neutralises an acid to form a salt and water. Bases turn red litmus blue.

**Alkali** - A substance which reacts with an acid to form a salt and water. Alkalis are bases that dissolve in water.

**Litmus Paper** - A paper that has been treated with different dyes that changes colour to indicate whether a substance is an acid or a base.

**Universal Indicator** - A mixture of dyes that change to different colours according to how strong the acid or base is.

**pH Scale** - A scale, which runs from 0 to 14, which indicates the level of acidity or basicity of a solution.

**Titration** - A process used to determine the quantity of an acid that is required to exactly neutralise a fixed quantity of base.

**Neutralisation** - When an acid and a base react together and cancel each other out, producing a salt and water