

OMW 2 GLOSSARY

Element	A substance that is made of only one type of atom.
Atom	The smallest part of an element.
Periodic Table	An arrangement of elements.
Metal	An element which is a good conductor and is usually shiny e.g.copper
Non metal	An element which does not conduct electricity. (exception - carbon graphite)
Compound	A substance which contains 2 or more kinds of atoms chemically joined together.
Formula	A combination of symbols to show the elements which a compound contains.
Solution	The clear liquid made when a solute dissolves in a solvent. E.g. salt dissolving in water.
Soluble	Describes something which dissolves.
Insoluble	Describes something which does not dissolve.
Solute	The solid that dissolves to make a solution.

Solvent	The liquid that dissolves the solute to make a solution.
Concentration	How much solid has been dissolved in a set volume of water.
Saturated solution	A solution in which no more solute can dissolve at that temperature.
Evaporation	Liquid changing to gas.
Condensation	Gas changing to liquid.
Filtration	Process used to separate undissolved solids from liquids.
Filtrate	The liquid which passes through the filter paper.
Residue	The solid which remains in the filter paper.
Chromatography	Process used to separate liquids using solubility.
Distillation	Process used to separate a liquid from a mixture of liquids, by boiling.