

Keywords: Autumn 2

Science

Topic Title:

Introduction to the topic: Why are you learning it and how does it link to what you've learned before?

Formulations are mixtures designed with a specific purpose.

Chromatography can be used to separate a mixture of solutes.

Lab tests can be used to identify common gases.

This links to your learning about what mixtures, compounds and elements are and what properties of these things we can make use of.

What lessons will you cover during the topic?

Purity & Formulations, Chromatography, Gas Tests & Flame Spectroscopy

Keyword	Definition
Chromatography	Chromatography is used to separate different substances dissolved in a liquid.
Mobile phase	Phase in chromatography that moves, usually a solvent or mixture of solvents.
Stationary phase	Phase in chromatography that does not move, for instance, the paper in chromatography.
Formulation	A mixture that is always made with the same proportions of the same substances.
Pure	A substance that consists of only one element or only one compound.
Precipitate	A solid substance that is made when reacting solutions.
Compound	A substance formed of two or more elements that are chemically bonded.

Solution	A substance made up of a solvent and a solute.
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