

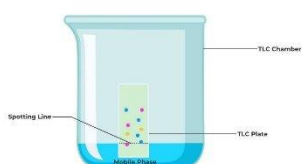


Your journey continues onto Further Education

Revision

Instrumental methods of analysis

Identifying negative ions



Chromatography

Pre-Public Exams (Paper 2s)



Identifying ions

Flame tests

Testing for gases

Distillation

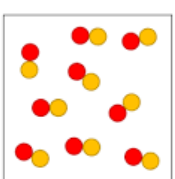
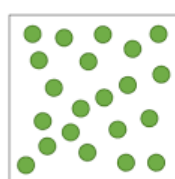


C5.4 Chemical Analysis

Pure substances and formulations

Looking to the future

Atmospheric pollutants



Carbon footprint

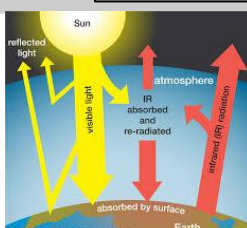
Earth's early atmosphere

The changing atmosphere

The greenhouse effect

Global climate change

C5.3 Our Atmosphere



Pre-Public Exams (Paper 1s)

Fertilisers

The Haber process

(HT) Le Chatelier's principle

Surface area and pressure

Catalysts

Rate graphs (HT) tangents

Rates of reaction RP

Reversible reactions and equilibrium

Temperature and concentration

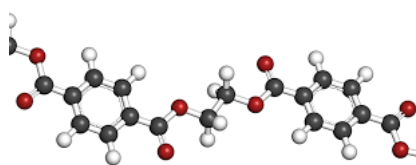
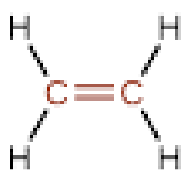
Collision theory

C5.2 Controlling Reactions

Naturally occurring polymers

Condensation polymerisation

Addition polymerisation



Polymers

Alkenes

Alcohols

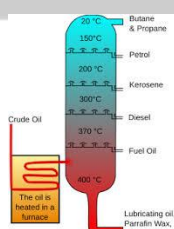
Fermentation

Carboxylic acids

Esters

Cracking

Combustion of hydrocarbons



Fractional distillation



Crude oil and hydrocarbons

Your journey starts here!

C5.1 Carbon chemistry