



# Chemistry Learning Journey

YEAR

13

Advanced periodicity & the transition elements

Organic synthesis & analysis and the chemistry of aqueous ions

Electrochemistry, acids, bases & buffers

Optical isomerism and further organic chemistry

Thermodynamics, rate & equilibrium constants

Organic functional groups & analysis

Periodicity & Inorganic chemistry



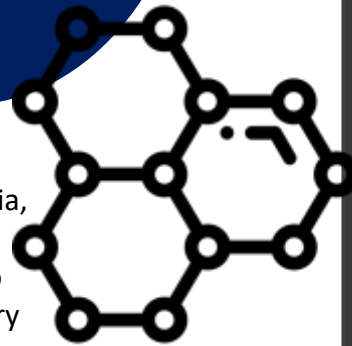
YEAR

12

Atomic structure, bonding, amounts of substance & energetics

The atmosphere and environmental chemistry

Kinetics, equilibria, redox & an introduction to organic chemistry



YEAR

11

Crude oil, fuels and organic chemistry

Amounts of substance

Bonding, structure and the properties of matter

Chemical reactions and energy changes

Properties and nature of matter

Chemical changes & analysis

YEAR

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Chemical reactions, energy changes & polymers

Patterns in the properties of matter

The Earth, the atmosphere and global climate change

YEAR

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YEAR

8

Acids & alkalis, neutralization, the pH scale and making salts

The properties of metals and other materials

Mixtures, solubility and separation techniques

YEAR

7

Atoms, elements, compounds & mixtures and the periodic table

Particle model, state of matter, diffusion and gas pressure

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