

KS4 Separate Chemistry Learning Journey

The science curriculum at St Mark's is designed to engage and enthuse students' curiosity about the world around them, enabling them to develop a lifelong enjoyment of science.

AQA
GCSE

C1 Atoms,
Elements,
Compounds,
Mixtures & The
Periodic Table

C2 Bonding, Structure &
Properties of Matter,
Carbon, allotropes,
Nanoparticles



Year
10

Paper 1

C3 Quantitative Chemistry –
Conservation of Mass, the
Mole and Concentration,
Atom economy & % yield

C4 Energy Changes:
Exothermic, Endothermic
Reactions & Bond
Energies, Batteries & Fuel
cells

C5 Chemical
Changes: Redox
Reactions, Acids &
Bases, Making Salts
& Electrolysis

Year
11

Paper 2



C7 Organic
chemistry: Crude
Oil, Fractional
Distillation &
Cracking

C9 Evolution of the
atmosphere,
Climate change &
Carbon Footprints



C6 Rates of
reaction, Collision
Theory, Reversible
Reactions &
Dynamic Equilibria

C8 Chemical
Analysis: Purity,
Chromatography &
Gas Tests, Testing
for ions

C10 Using
resources:
Materials,
Water
Treatments,
Haber Process
& Fertilisers

A level
Ready!

