



ST. ANNE'S CATHOLIC HIGH SCHOOL FOR GIRLS SIXTH FORM

CHEMISTRY A LEVEL

YEAR 12

Physical Chemistry: atomic structure, bonding, energetics, kinetics, chemical equilibrium and Le Chatelier's principle.

Inorganic Chemistry: the periodic table, Group 2 (the Alkaline Earth Metals) and Group 7 (the Halogens).

Organic Chemistry: alkanes, alkenes, halogenoalkanes, alcohols, organic analysis.

YEAR 13

Physical Chemistry 2 – thermodynamics, rate equations, equilibrium constant, electrochemistry.

Inorganic Chemistry 2 – Period 3 elements and their oxides, transition metals, reactions of ions in aqueous solution.

Organic Chemistry 2 – Aldehydes and ketones, carboxylic acids and their derivatives, amines, polymers, amino acids, proteins, DNA, organic synthesis, nmr spectroscopy, chromatography.

CAREERS

Analytical Chemist, Doctor,
Vet, Chemical Engineer,
Clinical biochemist,
pharmacologist, toxicologist,
Chartered accountant,
Environmental scientist,
Pharmacist

STAR STUDENTS

Nazanin S

Biomedical Sciences at
Queen Mary University

Shivani D

Pharmacology at
University of Portsmouth

Yr 13 Class of 2023