



HC

HSC Chemistry

2025 Holiday Course

TOPICS

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2025 HSC Holiday Course

Spring School Holidays - 2024

Equilibrium and Acid Reactions 1 - Equilibrium Systems

Equilibrium and Acid Reactions 2 - Le Chatelier's Principle

Equilibrium and Acid Reactions 3 - Equilibrium Constant

Equilibrium and Acid Reactions 4 - Solubility

Equilibrium and Acid Reactions 5 - Acids in Solution

Equilibrium and Acid Reactions 6 - Quantitative Methods

Working Scientifically

Intu Term 4, Exam 2024 & Review (will be sat during Term)

Tutorials available throughout Term 4, 2024

Summer School Holidays - 2025

Acid/Base Reactions 1 - Acids and Bases

Acid/Base Reactions 2 - pH & Neutralisation

Acid/Base Reactions 3 - Indicators & Buffers

Acid/Base Reactions 4 - Volumetric Titrations

Acid/Base Reactions 5 - Conductometric Titrations

Organic Chemistry 1 - Hydrocarbons

Organic Chemistry 2 - Hydrocarbon Chemical Properties & Intro to Alcohols

Organic Chemistry 3 - Aldehydes, Ketones, Carboxylic Acids, Amines and Amides

Intu Half-Yearly, Exam 2025 & Review (can be sat during Term)

Tutorials available throughout Term 1, 2025

Autumn School Holidays - 2025

Organic Chemistry 4 - Alcohol Reactions & Oxidation Reactions

Organic Chemistry 5 - Esters, Triglycerides, Soaps & Detergents

Organic Chemistry 6 - Polymers

Organic Chemistry 7 - Reaction Pathways & Anthropogenic Climate Change

Applying Chemical Ideas 1 - Identifying Ions

Applying Chemical Ideas 2 - Spectrophotometry & AAS

Applying Chemical Ideas 3 - Mass Spectrometry & IR Spectroscopy

Applying Chemical Ideas 4 - NMR

Applying Chemical Ideas 5 - Chemical Synthesis

Tutorials available throughout Term 2, 2025