



Long Term Plan

IGCSE Chemistry



2020-2022	Autumn 1 7 weeks	Autumn 2 7 weeks	Spring 1 7 weeks	Spring 2 7 weeks	Summer 7 weeks
Year 10	Principles of Chemistry <ul style="list-style-type: none"> States of Matter Elements, Compounds and Mixtures Atomic Structure Periodic Table 	Principles of Chemistry <ul style="list-style-type: none"> Chemical Formulae Equations and Calculations 	Principles of Chemistry <ul style="list-style-type: none"> Ionic Bonding Covalent Bonding Metallic Bonding Electrolysis 	Inorganic Chemistry <ul style="list-style-type: none"> Alkali Metals Halogens Gases in the atmosphere Reactivity series 	Inorganic Chemistry <ul style="list-style-type: none"> Extraction and uses of metals Acids, Alkalis and titrations Acids Bases and salt preparation Chemical tests
Year 11	Physical Chemistry <ul style="list-style-type: none"> Energetics Rates of Reaction 	Physical Chemistry <ul style="list-style-type: none"> Reversible reactions and equilibria 	Organic Chemistry <ul style="list-style-type: none"> Introduction to organic chemistry Crude oil 	Organic Chemistry <ul style="list-style-type: none"> Alkanes Alkenes Alcohols 	Organic Chemistry <ul style="list-style-type: none"> Carboxylic acids Esters Synthetic Polymers