

Year 10 & 11 chemistry (Cambridge IGCSE Chemistry)		
	CONTENT OVERVIEW	SUBJECT CONTENT
1	The particulate nature of matter	The particulate nature of matter
2	Experimental techniques	Measurement Purity Methods of purification
3	Atoms, elements and compounds	Atomic structure and the Periodic Table Structure and bonding
4	Stoichiometry	Stoichiometry The mole concept
5	Electricity and chemistry	Electricity and chemistry
6	Chemical energetics	Energetics of a reaction Energy transfer
7	Chemical reactions	Physical and chemical changes Rate (speed) of reaction Reversible reactions Redox
8	Acids, bases and salts	The characteristic properties of acids and bases Types of oxides Preparation of salts Identification of ions and gases
9	The Periodic Table	The Periodic Table Periodic trends Group properties Transition elements Noble gases
10	Metals	Properties of metals Reactivity series Extraction of metals Uses of metals
11	Air and water	Water Air Nitrogen and fertilisers Carbon dioxide and methane
12	Sulfur	Sulfur
13	Carbonates	Carbonates
14	Organic chemistry	Names of compounds Fuels Homologous series Alkanes Alkenes Alcohols Carboxylic acids Polymers

Details of the assessment	
Core Assessment	Extended Assessment
Paper 1 – Multiple Choice (Core) 45 mins, 40 mks	Paper 2 – Multiple Choice (Extended), 45 mins, 40 mks
Paper 3 – Theory (Core) 1 h 15 mins, 80 mks	Paper 4 – Theory (Extended), 1 h 15 mins, 80 mks
Paper 6 – Alternative to Practical Test, 1 h, 40 mks	Paper 6 – Alternative to Practical Test, 1 h, 40 mks

Grading and reporting:

Grades A*, A, B, C, D, E, F or G indicate the standard a candidate achieved.

A* is the highest and G is the lowest.