

Edexcel International A Level Chemistry

TOPIC CHECKLIST

Unit	Topic	Studied (✓ / X)	Notes (✓ / X)	Topic Questions (%)
1. The Core Principles of Chemistry	Formulae, Equations & Amount of Substance			
	Hess's Law			
	Calorimetry			
	Isotopes, Mass Spec & RAM/RMM			
	Electron Configuration & Structure			
	Periodicity & Trends			
	Bonding			
	Alkanes: Formulae, Reactions & Structure			
	Alkanes: Fuels & Pollution			
	Alkenes & Polymers			
2. Application of Core Principles of Chemistry	Shapes of Molecules & Ions			
	Bonding, Polarity & Intermolecular Forces			
	Redox			
	Group 1 & 2			
	Group 7			
	Kinetics			
	Chemical Equilibria			
	Alcohols			
	Halogenoalkanes			
	Mass Spectra & Infrared			
	Green Chemistry			
3. Chemistry Lab Skills I	Chemical Equations : Titrations			
	Chemical Equations : Reacting Masses			
	Chemical Equations : Gases			
	Group 2			
	Group 7			
	Energetics			
	Alkanes, Alkenes & Polymers			
	Alcohols & Halogenoalkanes			
	Spectroscopy (IR & Mass Spec)			
4. Rates, Equilibria & Further Organic Chemistry	How Fast? - Rates			
	How Far? - Entropy			
	Equilibria			
	Acid/Base Equilibria			
	Chirality			
	Aldehydes & Ketones			
	Carboxylic Acids & Derivatives			
5. Transition Metals & Organic Nitrogen Chemistry	Electrochemistry			
	Transition Metal Basics			
	Reactions & Applications of Transition Metals			
	Arenes/Benzene Chemistry			
	Amines, Amides, Amino Acids & Proteins			
	Organic Synthesis			
6. Chemistry Lab Skills II	Chemical Equilibria			
	Carbonyls, Carboxylic Acids & Derivatives			
	Benzene			
	Electrochemistry			
	Transition Metals			