

Year 10 Combined - Chemistry Name:	
Sept - Oct	<ul style="list-style-type: none"> • Ions / ionic bonding / properties • Covalent bonding
Nov - Dec	<ul style="list-style-type: none"> • Molecular compounds • Allotropes of carbon – diamond / graphite / fullerenes / graphene • Metallic bonding • Bonding models (ionic, covalent, metallic)
Jan - Feb	<ul style="list-style-type: none"> • Acids and indicators • Concentration of acids
Feb - March	<ul style="list-style-type: none"> • Bases and salts • Neutralisation • Titration <p style="text-align: right;">Core practical 3 Core practical 2</p>
April - May	<ul style="list-style-type: none"> • Making soluble salts • Making insoluble salts
June – July	<ul style="list-style-type: none"> • Mass calculations (relative mass -M_r) • Empirical formula • Conservation of mass • Mole calculations
Test 1 – (Bonding)	
YEAR 10 EXAM	

Year 11 Chemistry Combined		Name:
Sept - Oct	<ul style="list-style-type: none"> • Rates of reaction • Factors affecting rates of reaction • Core Practical 6 • Catalysts and activation energy • Exothermic and endothermic reactions • Reaction profiles • Bond energy calculations 	
Nov - Dec	<ul style="list-style-type: none"> • Hydrocarbons in Crude Oil • Alkanes • Cracking & Alkenes • Combustion 	
Jan - Feb	<ul style="list-style-type: none"> • Pollution • Cracking • Early atmosphere • Atmosphere today 	
Feb - March	<ul style="list-style-type: none"> • Climate change 	
April - May	<ul style="list-style-type: none"> • Core Practical Revision 	
Test 1 – (Groups, rates and energy)		
Test 2 – (Fuels and Earth & atmospheric science)		
MOCK 1		MOCK 2