

Year 1

(teaching weeks stated are only a guide)

Term 1				
Teacher A			Teacher B	
Topic	Syllabus codes		Topic	Syllabus codes
Chemical Calculations (4 weeks)	A1.0 : a, b, c, d A4.1 : a, b, c, d, e A3.6 : a		Atomic Structure (4 weeks)	A1.0 : e, f, g A1.1 : a, b, c, d, e, f, g, h, l, j A4.3 : a, b, c B1.7 : b
Chemical Bonding & Structures (4 weeks)	A1.0 : h, k A1.2 : a, b, c, d, e, f, g, h, i, j, k, l A2.1 : b, d		Energetic (5 weeks)s	A1.0 : i A1.3 : a, b, c, d, e, f, g
Introduction to Redox Chemistry (2 weeks)	A2.1 : e B1.5 : j		Introduction to Organic Chemistry (2 weeks)	A3.1 : a, b, c, d, e, f, g, h A3.2 : a, b, c, d, e, f, g, h B3.12 : a, b, c

Term 2				
Teacher A			Teacher B	
Topic	Syllabus codes		Topic	Syllabus codes
Introduction to Organic Chemistry (2 weeks)	A3.1 : a, b, c, d, f, g, h A3.2 : a, b, c, d, e, f, g, h B3.12 : a, b, c		Ideal Gas Theory (2 week)	B1.6 : a, b B1.7 : c
Organic Chemistry – Alcohol level (2 weeks)	A3.1 : f A3.3 : a, b, c, d B1.7 : a B3.9 : a, b, c, d		Periodic Table (Period 3) (3 weeks)	A2.1 : a, b, c, d, e, f, g, h, i
Organic Chemistry – Carbonyl level (2 weeks)	A3.4 : a, b, c, d B3.9 : h, i		Main Group Chemistry 1 (4 weeks)	A2.2 : a A2.2 : b, c, d A2.2 : e, f, g, h A2.2 : i, j, k, l, m, n, o
Organic Chemistry – Alkene (2 weeks)	A1.2 : d, e A3.5 : a, b, c, d, e B3.9 : e, f, g			

Term 3				
Teacher A			Teacher B	
Topic	Syllabus codes		Topic	Syllabus codes
Introduction to Chemical Equilibria (8 weeks)	A1.0 : j B1.5 : a, c, d (K_p & K_{sp} only), e		Reaction Kinetics (use S_{N1} and S_{N2} as examples) (8 weeks)	A1.0 : l B1.6 : c, d, e, f, g, h, l, j A1.3 : g, h B3.9 : a B1.7 : a

Year 2

Term 1				
Teacher A			Teacher B	
Topic	Syllabus codes		Topic	Syllabus codes
Free energy & Entropy (4 weeks)	B1.4 : a, b, c, d, e, f, g		Acid / Base Equilibria (5 weeks)	B1.5 : b, d, e, f, g, h
Transition Metals (General & Complexes) (4 weeks)	B2.4 : a, b, c, d, e, f, g, h, i		Organic Chemistry – <i>Alkene</i> (2 weeks)	A1.2 : d, e A3.5 : a, b, c, d, e B3.9 : e, f, g
Redox Equilibria (inc. TMs) (4 weeks)	A1.0 : m B1.5 : i, j, j, l, m, n, o, p, q B2.4 : i, k, l		Organic Chemistry – <i>Aromatic</i> (3 weeks)	B3.10 : a, b, c, d
			Crystal Structures (2 weeks)	B2.5 : a, b, c, d, e, f B1.7 : d

Term 2			
Teacher A		Teacher B	
Topic	Syllabus codes	Topic	Syllabus codes
Organic Chemistry – Analytic Techniques (4 weeks)	A4.2 : a, b, c A4.4 : a, b, c, d A4.5 : a, b, c B4.6 : a, b, c, d	Organic Chemistry – <i>revise mechanisms from 1YS</i> (1 week) <i>Stereochemistry : optical isomerism</i> (the later could be weaved into the following topics rather than stand-alone)	(S _N ¹ , S _N ² , curly arrows in general) B3.12 : d
Main Group Chemistry II Group 4 (5 weeks)	B2.3 : a, b, c, d, e	Organic Chemistry – <i>Carboxylic acid level</i> (2 weeks)	A3.1 : h B3.7 : a, b, c, d
		Organic Chemistry – <i>Carbon dioxide level</i> (2 weeks)	B3.8 : a, b
		Organic Chemistry – Acidity / Basicity (2 weeks)	B3.11 : a, b, c, d
		Green Chemistry (1 week)	A3.6 : a, b

Term 3

Revision