

Year 13 Chemistry

Year Calendar Plan		
Dates	Lesson Focus	Practical Skills/Assessment
Term 1	5.1.2 How Far? (Review and K _p) 5.2.1 Lattice enthalpy (Review and calculation of enthalpies of solution and hydration) 5.1.1 How fast? (part) 5.1.3 Acids, Bases and Buffers (not titration curves) 5.2.3 Redox and Electrode Potentials	PC1 (5.1.1, 5.1.2, 5.2.1 and Modules 2 and 3) PAG 8.3 Electrochemistry
Term 2	5.1.3 Titration Curves 5.2.2 Enthalpy and entropy 5.3.1 Transition Elements 6.1.2 Carbonyl compounds Module 4 review	PAG 11.2 Titration curves PC2 (Modules 2, 3 & 5) PAG 12.1 Iron tablets
Term 3	6.1.3 Carboxylic Acids and Esters & 6.2.5 Organic synthesis (part) 6.1.1 Aromatic Compounds 6.2.1 Amines & 6.2.2 Amino Acids, Amides and chirality 6.2.3 Polyesters and Polyamides 6.3.1 Chromatography 6.3.2 Spectroscopy	PC3 (module 2,4 and 6.1.2) PAG 6.4 Organic Synthesis
Term 4	6.2.4 Carbon-carbon bond formation & 6.2.5 Organic synthesis 6.3.1 Qualitative Analysis 5.3.2 Qualitative Analysis 6.1.3 Acyl chlorides and acid anhydrides (to include synthesis revision for esters and amines)	PC4 (Paper 1: modules 1, 2,3,5) PC4 (Paper 2: Modules 1, 2,4,6) PAG 6.1 Synthesis of Aspirin (if required) PAG 7.2 Identifying unknown (organics)
Term 5	Rates of Reaction Revision Electrode potentials and Redox Titration revision Organic Revision (synthetic routes & mechanisms) Acids, bases and buffers (including titration curves) Past Paper work	PAG 9.3 Magnesium and HCl
Term 6	Past paper work Organic Revision (synthetic routes & mechanisms)	

