A Level Chemistry Curriculum Plan Year 12 (Teacher 1: 6 lessons)

Term	Units taught	Required practical
Autumn Term	Chapter 1 Atomic structure	
	Chapter 2 Amount of substance	Making a standard solution; acid-base titration
	Chapter 3 Bonding	
Spring Term	Chapter 4 Energetics	Measuring an enthalpy change
	Chapter 5 Kinetics	Temperature and rate of reaction
	Chapter 6 Equilibria	
Summer Term	Chapter 7 Oxidation and reduction	
	Chapter 8 Periodicity	
	Chapter 9 Group 2	
	Chapter 10 Group 7	Test tube reactions

A Level Chemistry Curriculum Plan Year 12 (Teacher 2: 3 lessons)

Term	Units taught	Required practical
Autumn Term	Chapter 11 Introduction to organic chemistry	
	Chapter 12 Alkanes	
Spring Term	Chapter 13 Halogenoalkanes	
	Chapter 14 Alkenes	
Summer Term	Chapter 15 Alcohols	Distillation of a product from a reaction
	Chapter 16 Organic analysis	Test for alcohols, aldehydes, alkenes and carboxylic acids

A Level Chemistry Curriculum Plan Year 13 (Teacher 1: 5 lessons)

Term	Units taught	Required practical
Autumn Term	Chapter 23 The transition metals	
	Chapter 24 Reactions of ions in solution	Test-tube reactions to identify transition metals
	Chapter 17 Thermodynamics	
	Chapter 18 Kinetics	Measuring the rate of reaction
Spring Term	Chapter 19 Equilibrium constant Kp	
	Chapter 20 Electrode potentials	Measuring the EMF of an electrochemical cell
	Chapter 21 Acids bases and buffers	pH changes
	Chapter 22 Periodicity	
Summer Term	Chapter 32 Structure determination	
	Revision and exams	

A Level Chemistry Curriculum Plan Year 13 (Teacher 2: 4 lessons)

Term	Units taught	Required practical
Autumn Term	Chapter 25 Nomenclature and isomerism	
	Chapter 26 Compounds containing the C=O group	Preparation of a pure organic solid and liquid
	Chapter 27 Aromatic chemistry	
Spring Term	Chapter 28 Amines	
	Chapter 29 Polymerisation	
	Chapter 30 Amino acids, proteins and DNA	
	Chapter 31 Organic synthesis	
Summer Term	Chapter 33 Chromatography	Separation of species by TLC
	Revision and exams	