

Year 13 Chemistry

Course title: A-Level Chemistry	Exam board: AQA	Specification code: 7405
How will students be assessed?		
Students will sit three two hour external exams at the end of Year 13. During the course, along with other practical work, students will carry out 12 assessed practicals which will lead to the students being awarded their practical skills endorsement.		
Chemistry Paper 1: (105 marks) Students will complete short and long answer questions on the topic areas in physical chemistry and inorganic chemistry. Questions will be knowledge based; as well as drawing on the practical work that students have completed throughout the course. Chemistry Paper 2: (105 marks) Students will complete short and long answer questions on the topic areas in physical chemistry and organic chemistry. Questions will be knowledge based; as well as drawing on the practical work that students have completed throughout the course. Chemistry Paper 3: (90 marks) Students will complete 40 marks of questions on practical techniques and data analysis as well as 20 marks of short and long answer questions and 30 marks of multiple choice questions testing all topic areas across the specification.		

Half term	Key content	
	Teacher 1 IRO (4 Lessons)	Teacher 2 SN (5 Lessons)
1	Aromatic Chemistry ASSESSED PRACTICAL 10a	Acids and Bases ASSESSED PRACTICAL 9
2	Amines Condensation Polymers Amino Acids, Proteins and DNA Organic Synthesis ASSESSED PRACTICAL 10b	Properties of Period 3 and their Oxides Thermodynamics
3	Spectroscopy Transition Metals	Thermodynamics
4	Reactions of Ions in Aqueous Solution ASSESSED PRACTICAL 11 ASSESSED PRACTICAL 12	Electrode Potentials and Electrochemical Cells ASSESSED PRACTICAL 8
5	REVISION	REVISION

At the end of each topic students will carry out an assessment in class.