

Chemistry Year 13

Subject Title	Chemistry
Exam board	AQA
Specification code	7404 (AS) 7405 (A level)
Exam details	AS: 2 papers, each 1.5 hrs, A level (3 X 2hr papers)
Setting arrangements	
Time allowed	12 x 50 minute lessons
Link to the Toolkit:	
Textbooks and revision guides	AQA Physics: A Level Year 1 and AS 0198351860
Homework information	One piece set weekly per teacher Exam style questions; Research; Assessment; Revision; and Retrieval practice

Term	Y12 Topics	Skills	Assessment
1	Measurement and their errors. Particle physics	Following practical instructions independently, competently and safely Maths skills	Topic tests for both units.
2	Waves	Developing practical skills Developing Maths skills	Topic test. 2 required practicals on stationary waves and interference effects.
3	Mechanics and materials	Planning a controlled experiment including	Internal January Exam Topic test.

		selecting lab equipment and controlling significant variables, Risk Assessment Maths skills	2 required practicals on measuring g and Young's modulus
4	Electricity	Developing practical skills Developing Maths skills	Topic test. 2 required practicals on resistivity and internal resistance.
5	Consolidation and revision preparation for internal and external exams	Revision and exam techniques	Internal Exams
6	Introduction to A Level (Y13) course including: Further mechanics	Further Maths skills Data analysis	Topic test.
Links to websites and revision materials:		https://www.bbc.co.uk/news/science_and_environment	

Term	Y13 Topics	Skills	Assessment
1	Further mechanics and thermal physics	Honing practical skills Developing further Maths skills	Topic tests on 2 units Required practical on Simple harmonic motion.
2	Fields and their consequences	Honing practical skills Developing advanced Maths skills Data analysis	Topic test. 3 Required practicals on Gas laws, capacitor and electrical forces on a wire.
3	Nuclear physics	Developing advanced Maths skills Data analysis	Topic test. Internal Y13 exams Required practical on Gamma radiation.
4	Astrophysics	Analysis of exam question structure.	Topic test.

		Consolidation of exam essay planning and writing	
5	Consolidation and revision preparation for external A Level exams		Scrutiny of student Practical Laboratory handbook compulsory practical endorsement. External Exams
6	On Exam Study leave		External Exams
Links to websites and revision materials:		https://www.bbc.co.uk/news/science_and_environment	