

Subject	Year	Term
Chemistry	13	2
Topic		
Organic Chemistry, Inorganic and Physical Chemistry		
Content (Intent)		
Prior Learning (Topic) Organic Chemistry and Physical Chemistry		
Physical Chemistry – Electrochemical cells, Properties of period 3 elements and their oxides		
Organic Chemistry – Organic Synthesis		
Inorganic Chemistry – Transition Metals, Reactions of Ions in Aqueous Solutions		
Future Learning (Topic)		
Organic Chemistry, Inorganic and Physical Chemistry		
What Knowledge and Skills will be taught (Implementation)	How will your understanding be assessed & recorded (Impact)	
Physical Chemistry 1. Electrochemical Cells Organic Chemistry 1. Organic Synthesis Inorganic Chemistry 1. Transition Metals Required practical 8 Measuring the EMF of an electrochemical cell.	End of topic tests - A level grading and formative feedback given. Summative Assessment 2 in year 13. A level grading and formative feedback given. Homework – a percentage, A level grade and Formative feedback provided.	
Physical Chemistry 1. Properties of period 3 elements and their oxides Inorganic Chemistry 1. Reaction of Ions in Aqueous Solutions. Required practical 11 Carry out simple test-tube reactions to identify transition metal ions in aqueous solutions.	End of topic tests - A level grading and formative feedback given. March Mock Exam - A level grading and formative feedback given. Homework – a percentage, A level grade and Formative feedback provided.	
How can parents help at home		
Ensure all class notes and content files are complete and homework submitted on time Encourage pupils to revise for tests and exams and to create revision resources such as flash cards and posters. Encourage pupils to actively research future University courses and careers.		
Helpful further reading/discussion (including Reading and Vocabulary Lists)		
Reading Text Book - CGP New A-Level Chemistry for AQA: Year 1 & 2 Websites <ul style="list-style-type: none"> • A-levelchemistry.co.uk • ChemGuide.co.uk (written by Jim Clark) • AQA website Books – Calculations in AS/A level Chemistry by Jim Clark Essential Maths Skills for A- Level Chemistry – CGP UPLEARN	Vocabulary Lists Electrochemical Cells	