Bishop Heber High School

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. March Mock Exam - 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 Student Book with Online Edition

Websites

- 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

Vocabulary Lists

Electrochemical Cells