

Year 11 Revision Challenge 2023

Subject: Science – Chemistry Paper 2

Session Number	Topic	Resource to use	Compulsory Task to be completed/signed off by subject teacher
1	Topic C6 – Rate & extent of Chemical changes (Rates & EQM)	Higher Revision guide – pages 142-145 <i>Foundation Revision Guide - 138/139</i> Triple Chemistry – pages 68-70	Make revision notes/questions on rates of reaction and factors affecting rates of reaction (including collision theory) – set by your teacher Use the video to make detailed notes – Cognito (higher only) https://www.youtube.com/watch?v=-4HXaUBbv04
2	Topic C6 – Rate & extent of Chemical changes (Rates & EQM)	Higher Revision guide – pages 145-146 <i>Foundation Revision guide – 140-142</i> Triple Chemistry – page 71	Use the video to understand and make notes on how to do rate of reaction calculations – Cognito (Higher only) https://www.youtube.com/watch?v=GCR5xeduq2o Complete the booklet on rate of reaction calculations set by your teacher (Higher/Foundation).
3	Topic C6 – Rate & extent of Chemical changes (Rates & EQM)	Higher Revision guide – pages 147-148 <i>Foundation Revision Guide – 144</i> Triple Chemistry – pages 72-73	Watch the video – Cognito on Reversible reactions and Equilibrium (higher only) https://www.youtube.com/watch?v=ty9TczsW5ew Complete the Revision map issued by your teacher on Reversible reactions, equilibrium, and Le Chatelier's Principle (Higher/Foundation versions)
4	Topic C7 – Organic Chemistry	Higher Revision guide – pages 150-152 <i>Foundation Revision guide – pages 146-149</i> Triple Chemistry – pages 75-84	Complete the revision map/questions on crude oil, fractional distillation of crude oil, structure and properties of alkanes and alkanes and types of the cracking process issued by your teacher Triple Chemistry: includes reactions of alkenes, Alcohols, carboxylic acids and esters, addition polymerization and condensation polymerization.
5	Topic C7 – Organic Chemistry	Higher Revision guide – pages 150-152 <i>Foundation Revision guide – page 146-149</i> Triple Chemistry – pages 75-84	Complete the exam questions issued by your teacher on organic chemistry Triple Chemistry: includes reactions of alkenes, Alcohols, carboxylic acids and esters, addition polymerization and condensation polymerization.
6	Topic C8 – Chemical analysis	Higher Revision guide – pages 153-156 <i>Foundation Revision guide -pages 150-153</i> Triple Chemistry – pages 86-90	Complete the booklet of questions issued by your teacher on purity & formulations. Paper chromatography and test for gases. Triple Chemistry: includes required practical on testing for ions, tests for positive ions and negative ions, Flame emission spectroscopy.
7	Paper 2 topics		Complete the Paper 2 practice exam paper provided by your teacher or questions