



Overall Curriculum Aim:

Develop a love of science and intellectual curiosity whilst embedding the knowledge and skills required to be successful at GCSE.

Scheme for Learning

Overview – Year 11 Science

Physics 2021-2022

Personnel Responsibility – Rosie Cooper

Quality Assured by – Josh Anderson (AVP)

Exam Board/Qualification at KS4 – AQA Trilogy

Assessment Cycle	Topic/Unit Title – Big Question	Rationale/Skill Development	Link to Assessment Objectives/Progression Scales Skills The following areas will be assessed
1	How do force impact our lives? How are waves used every day?	We pick up the last few topics of Module P5 (Forces) to consolidate learning from last year, before moving on to explore the properties of waves and how they can be used and manipulated for every day use.	<ul style="list-style-type: none"> • AQA GCSE Trilogy/Separate Science Physics Topic 6 (Paper 2) Specification Reference: 6.2
2	How are waves used every day? How did Michael Faraday change the world?	We continue exploring the importance of waves To build an understanding of magnetic fields and how they can be used in everyday life. To then link this to electric fields and explore the interactions between the two through investigations into electromagnetism, Flemming’s left hand rule and the motor effect.	<ul style="list-style-type: none"> • AQA GCSE Trilogy/Separate Science Physics Topic 7 (Paper 2) Specification Reference: 7.1-7.2
3	How can we link our knowledge together to prepare for Physics Paper 1?	Revising the key skills and knowledge required for GCSE exam Paper 1. To build on pre-existing examination skills and techniques and to review the RPAs in preparation for the GCSE examinations.	<ul style="list-style-type: none"> • AQA GCSE Trilogy/Separate Science Physics Topic 1-4 (Paper 1) Specification Reference: 1-4
4	How can we link our knowledge together to prepare for Physics Paper 1?	Revising the key skills and knowledge required for GCSE exam Paper 2. To build on pre-existing examination skills and techniques and to review the RPAs in preparation for the GCSE examinations.	<ul style="list-style-type: none"> • AQA GCSE Trilogy/Separate Science Physics Topics 5-7 (Paper 2) Specification Reference: 5-7