

Year 11 GCSE Physics and Combined Science: Physics

We are following the AQA syllabi in GCSE Physics and GCSE Combined Science Trilogy

Topics

In year 10, you will study the following topics

- Motion
- Forces
- Electromagnetism
- Space Physics (GCSE Physics only)

In each of these topics, you will cover the scientific concepts and carry out practical work to develop your practical skills and ability to analyse and evaluate the evidence you collect.

Practical Science

We will be developing your ability to

- Identify variables and plan an experiment based on a scientific hypothesis
- Evaluate the quality of data and identifying sources of uncertainty in practical work
- Drawing and analysing graphs
- Identifying patterns in data

Assessment

At the end of each unit you will complete an end of unit assessment based on past exam paper questions. You will be informed of a working grade based on historic grade boundaries

In your Christmas Mock assessment, the paper will primarily cover Waves, Motions and Forces with some questions about energy, particles, atomic structure and electricity

Our expectations of you

Bring all correct equipment to all lessons

Complete homework on time and to the best of your ability

Take responsibility for revising key scientific language and concepts from checklists on a regular basis using Seneca learning.