

## CfE Higher Physics

"The Higher Physics Course develops learners' curiosity, interest and enthusiasm for physics in a range of contexts. The skills of scientific inquiry and investigation are developed throughout the Course, and the relevance of physics is highlighted by the study of the applications of physics in everyday contexts." - SQA

It is expected that pupils entering this course of study will have passed National 5 Physics.

Pupils complete a series of four units of work based upon the CfE Higher Physics Outcomes.

1. Our Dynamic Universe
2. Particles and Waves
3. Electricity
4. Researching Physics

### **Assessment Strategy**

Before they may be presented at Higher level, each pupil must sit and pass a written assessment for each key area of the syllabus. For Units 1, 2, & 3 each pupil must gain 50% or more of the available marks from the key area to be deemed to have passed that key area. Unit 4 requires pupils to undertake research on a key area from Higher Physics, including a practical investigation, and submit a written record of their work. This research is undertaken in class and the report is internally assessed. This unit must be passed in order for a pupil to receive an overall course award.

For Higher Physics, in addition to the written assessments throughout the course and the end of year examination, pupils are required to complete and submit a written, externally assessed assignment. The assignment will follow on from the Researching Physics Unit. Pupils then, whilst under exam conditions, write up their report to be submitted to the SQA.

The externally assessed components of the course are worth a total of 120 marks. 20 marks are awarded for the assignment and 100 marks for the final exam.

Pupils are reminded that their jotters and booklets form an important part of their assessment notes throughout Higher Physics. It is vital that work is completed legibly and to the highest possible standard during each and every lesson. Exercises from the homework booklets are expected to be completed to a high standard and submitted on time. Help is available with homework, exam style questions and areas of difficulty at lunchtime supported study. Times for these sessions are displayed within the classrooms and on the departmental noticeboards.