

DEPARTMENT

PHYSICS

LEVEL

NATIONAL 5

RECOMMENDED ENTRY LEVELS

Level 4 / National 4 Physics

Physics National 5 course content:

- **Dynamics**
- **Space**
- **Electricity**
- **Properties of matter**
- **Waves**
- **Radiation**

Methodology to promote the main aims of the subject is:

- Active learning tasks to develop scientific and analytical thinking skills in a physics context.
- Activities including practical work to promote problem solving skills.
- Develop an understanding of Physics' role in scientific issues and relevance in society.

Homework:

This will be a mix of:

- developing and applying physics knowledge
- developing scientific and analytical thinking skills
- planning and designing experimental procedures
- research on physics issues and their impact
- Pupils should make their own summary notes/mind maps each week to aid revision.

Assessment:

Learners' progress through the course will be measured through knowledge and understanding tests, practical investigations and project presentations.

The course award is in 2 parts; a course assignment and an external exam. The purpose of the assignment is to assess the application of skills of scientific inquiry and related physics knowledge and understanding. The National 5 assignment is worth 20% of a candidate's overall grade.

The purpose of the question paper is to assess breadth, challenge and application of skills, knowledge and understanding from across the course. The question paper also assesses scientific inquiry skills and analytical thinking skills. The National 5 Physics external examination at the end of the course will last 2 hours 30 minutes and is marked out of 135.

On successful completion of the National 5 Physics course pupils may progress to Higher Physics.