

DEPARTMENT

PHYSICS

LEVEL

NATIONAL 5

RECOMMENDED ENTRY LEVELS

Level 4 / National 4 Physics

Physics National 5 units:

- **Space**
- **Technology**
- **Energy**
- **Assignment**

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:

All units will be internally assessed (either pass or fail) in a number of ways: a mix of knowledge and understanding tests, practical investigations and project presentations. **This assessment will be updated by the SQA for 2017-18.** There is an assignment for Nat 5 which is investigative/research work. Learners will investigate a topical physics issue using knowledge and skills drawn from Course and the social/environmental implications. At National 5 there is also an external examination at the end of the course. The Nat 5 assignment is worth 20% of a pupil's final grade.

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