DEPARTMENT **PHYSICS**

LEVEL **NATIONAL 4**

RECOMMENDED ENTRY LEVELS **Level 4 Physics**

NB This is taught in the same class as National 5. Pupils will be encouraged to complete National 5 assessment if appropriate, if they are finding this challenging they will be recommended to complete all the National 4 assessment.

Physics National 4 units:

- **Space**
- **Technology**
- **Energy**
- **Value added unit**

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. There is a Added Value unit for Nat 4 which is investigative/research work. Learners will investigate a topical physics issue using knowledge and skills drawn from Course and the social/environmental implications.

There is no final external exam for National 4. On successful completion of the National 4 Physics course pupils may progress to National 5 Physics.

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