**PHYSICS NATIONAL 5**

**CONTENT**

The Course has 3 mandatory units:

**Energy**

This Unit will explore relationships in heat energy and in electrical energy, while developing skills in investigation, experiment and analysis. It will focus on concepts in energy and energy transformation appropriate to this level, and introduce some electronic systems and components.

**Technology**

This Unit will explore concepts, appropriate to this level, that are relevant to electrical and mechanical equipment in use in society, while developing skills in investigation, experiment and analysis. It will focus on the use of electromagnetic waves and sound waves in medicine and communications, and on applications of mechanics.

**Space**

This Unit will explore concepts, appropriate to this level, relevant to study of the universe and its exploration, while developing skills in investigation, experiment and analysis. It will focus mainly on relationships involving forces.

**ASSESSMENT**

To pass National 5 Physics, learners must pass all of the required Units and the final exam.

**HOMEWORK**

Homework will be given on a regular basis to assist in learning. In addition, pupils are expected to prepare for end of topic tests and unit assessments. Pupils should spend approximately 40 minutes on homework each week.

**ENTRY REQUIREMENTS**

* National 4 Physics
* By negotiation with the department