**BIOLOGY NATIONAL 5**

**CONTENT**

The course is made up of 3 units:

**Cell Biology**

In this Unit, learners will develop knowledge and skills and carry out practical and other learning activities related to study and investigation of the cell. This will include cell structure and processes within cells, such as transport, photosynthesis and respiration, as well as DNA, protein and biotechnology.

**Multicellular Organisms**

In this Unit, learners will develop knowledge, skills and carry out practical and other learning activities related to study and investigation of whole organisms. This will include a comparative approach to the study of plants and animals, through areas such as reproduction and inheritance, the need for transport within organisms, digestion and associated enzymes, control and communication, and health.

**Life on Earth**

In this Unit, learners will develop knowledge and skills and carry out practical and other learning activities related to the study and investigation of Life on Earth. This will include world ecosystems, evolution, natural selection and competition, behaviour, biodiversity, decay, recycling, microorganisms and ethical issues.

**INTERNAL ASSESSMENT**

Learners must pass one written test per unit assessing both knowledge and problem solving skills.

Learners’ progress will be monitored through regular end of topic tests and a prelim. Both of these types of assessment will be based on exam level questioning.

**EXTERNAL ASSESSMENT**

The external assessment for National 5 Biology consists of:

* An assignment investigating an application of Biology (20%)
* An external examination (80%)

**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 1 hour on homework each week.

**ENTRY REQUIREMENTS**

A pass at National 4 Biology or a grade B in National 5 Chemistry or Physics.