

# **Mathematics - National 4**

## **Award Received**

National 4 Mathematics and Level 4 Numeracy (both SCQF Level 4)

## **Entry Level: What do I need to do it?**

Entry to this course is at the discretion of the school. However, pupils would normally be expected to have gained the appropriate level of entry qualification and attained the skills and knowledge required as follows:

- Prior learning in S1 - S3 will allow entry to National 4

## **Course Content: What will I learn?**

This course will develop skills for further learning as well as skills for life and work. The course includes the freestanding Unit in Numeracy at SCQF level 4.

### **Mathematics: Expressions and Formulae**

The general aim of this Unit is to develop skills linked to straightforward mathematical expressions and formulae. These include the manipulation of abstract terms, the simplification of expressions and the evaluation of formulae.

### **Mathematics: Relationships**

The general aim of this Unit is to develop skills linked to straightforward mathematical relationships. These include solving equations, understanding graphs and working with trigonometric ratios.

### **Numeracy**

The general aim of this unit is to develop learners' numerical and information handling skills to solve straightforward, real-life problems involving number, money, time and measurement.

## **Teaching Methods: What will I do?**

Teaching methods will include:

- Class Discussions
- Independent consolidation work
- Paired/Group work
- Flipped learning activities when appropriate
- Regular retrieval practice

## **Assessment: How will I be assessed?**

**The course consists of 3 Unit assessments. All internally assessed on a pass/fail basis.**

### **Mathematics Test**

This is the Added Value Unit of the National 4 Mathematics Course. The general aim of this Unit is to enable the learner to provide evidence of added value for the National 4 Mathematics Course through the successful completion of a test which will allow the learner to demonstrate breadth and challenge

### **Homework.**

Regular homework will be given.

### **Progression in the Senior Phase.**

National 5 Mathematics (SCQF Level 5)