



National 5 Mathematics (SCQF 5)

The National 5 Mathematics Course builds on the principles and practice and experiences and outcomes of mathematics and numeracy.

Purpose and aims of the Course

Mathematics is important in everyday life, allowing us to make sense of the world around us and to manage our lives. Using mathematics enables us to model real-life situations and make connections and informed predictions. It equips us with the skills we need to interpret and analyse information, simplify and solve problems, assess risk and make informed decisions.

Prerequisite

Learners will have achieved either Applications of Maths at National 5 level, Units only at National 5 Mathematics or a Pass at National 4 by achieving at least 70% in the Added Value Unit.

Course Structure and Conditions of award

To gain the award of the Course, the learner must pass the Course assessment (external examination which is graded A – D). The structure is as follows:

External Component	Marks	Duration
Question Paper 1 (Non-Calculator)	50	1 hour and 15 minutes
Question Paper 2	60	1 hours and 50 minutes

Course Content:

Expressions and Formulae

Learners will develop skills linked to mathematical expressions and formulae. These include the manipulation of abstract terms, the simplification of expressions and the evaluation of formulae.

Mathematics: Relationships

Learners will develop skills linked to mathematical relationships. These include solving and manipulating equations, working with graphs and carrying out calculations on the lengths and angles of shapes.

Mathematics: Applications

Learners will develop skills linked to applications of mathematics. These include using trigonometry, geometry, number processes and statistics within real-life contexts.

Achievement of this course gives automatic certification of

Numeracy @ SCQF 5

Achieving an A – C award allows the learner to progress to doing

Higher Mathematics