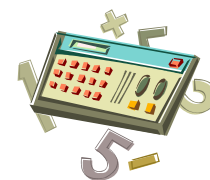


# MATHEMATICS AND NUMERACY

## MATHEMATICS

**Faculty Contact:** Mr C White, PT Mathematics & Numeracy



### Levels Available

National 3 Applications, National 4 and 5, Higher and Advanced Higher

### Purpose, Aims and Benefits of the Course

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.

Courses in Mathematics aim to:

- Motivate and challenge learners by enabling them to select and apply mathematical techniques in a variety of mathematical situations
- Develop confidence in the subject and a positive attitude towards further study in Mathematics and the use of Mathematics in employment
- Deliver in-depth study of mathematical concepts and the ways in which Mathematics describes our world
- Allow learners to interpret, communicate and manage information in mathematical form; skills which are vital to scientific and technological research and development
- Deepen the learner's skills in using mathematical language and exploring advanced mathematical ideas

Mathematics courses have the same structure at all levels. Each course comprises of three units of work. Each unit of work has an internal assessment associated, which must be passed before the completion of the course. At National 4 students gain the course award by passing the Added Value Assessment. From National 5 to Advanced Higher students gain the course award by passing the SQA exam paper.

### Progression Routes

National 3 Applications leads onto National 4 Mathematics, which then leads onto National 5 Mathematics, which in turn leads onto Higher and Advanced Higher Mathematics. Alternative course in Personal Finance & Level 5 Numeracy is available where National 5 Mathematics is not an appropriate next step.