

Why Applications of Mathematics?

Mathematics is important in everyday life, allowing us to make sense of the world and manage our lives. You will learn how to model real-life situations and make connections and informed predictions. You will develop the skills to interpret and analyse information, simplify and solve problems, assess risk, and make informed decisions. These skills will make you valuable to future employers.

NATIONAL 5 APPLICATIONS OF MATHEMATICS

Details of Course Components

Managing Finance and Statistics

- develop your reasoning and financial skills to manage finance and statistics in real-life situations
- learn how to analyse financial positions, budget, and organise and present data to justify solutions and/or draw conclusions.

Geometry and Measures

- develop your reasoning and geometric skills in real-life situations
- learn how to analyse and use geometry and measures to identify and justify solutions to real-life problems.

Numeracy

- develop your numerical and information-handling skills to solve real-life problems involving number, money, time and measurement
- interpret graphical data and use your knowledge of probability to solve real-life problems involving money, time and measurement.
- learn how to use your solutions to make and justify decisions.

ASSESSMENT

Your work will be assessed on an ongoing basis throughout the course. The course assessment for this course consists of **two** question papers. The question papers will be set and marked externally by the Scottish Qualifications Authority (SQA). The course assessment is graded A–D.



FACULTY OF MATHEMATICS

Mathematics Staff :

Mrs Deborah Tocher
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Career Areas:

- Construction
- Computing & ICT
- Engineering
- Finance
- Science & Mathematics
- Health & Medicine
- Transport & Distribution
- Manufacturing Industries

Courses in Turriff Academy

Advanced Higher Mathematics
Higher Mathematics
National 5 Mathematics
National 4 Mathematics
National 5 Applications of Mathematics
National 4 Applications of Mathematics

Useful websites to help you with your choices:

www.myworldofwork.co.uk
www.skillsdevelopmentscotland.co.uk

Further advice and information on these options is available from your subject teacher, guidance teacher and careers adviser.