

Why Mathematics?

Mathematics is a rich and stimulating subject and plays an important part in everyday life. It uses a universal language of numbers and symbols, letting us communicate ideas in a brief, clear and concise way.

Mathematics is a good choice because it forms the basis of other school subjects like Chemistry, Biology, Physics and Computing, as well as being an important subject on its own. It is core to other specialist subjects at higher level, such as astronomy and statistics. Studying Mathematics will improve your reasoning, analytical and problem solving skills. And, it will help you think in more creative and abstract ways. This means it gives you many valuable qualities when you go to look for work.

The skills you learn in this course are useful in many careers involving engineering, medicine, technology, business and the physical sciences.

NATIONAL 5 MATHEMATICS

Details of Course Components

Mathematics: Expressions and Formulae

- develop skills linked to mathematical expressions and formulae, such as manipulating abstract terms, simplifying expressions and evaluating formulae

Mathematics: Relationships

- develop skills linked to mathematical relationships, including solving and manipulating equations, working with graphs and carrying out calculations on the lengths and angles of shapes

Mathematics: Applications

- develop skills linked to applications of mathematics, including trigonometry, geometry, number processes and statistics within real life contexts

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
Mrs Jacqui Massie
Mrs Lindsey Drysdale
Mrs Moira Nicoll
Miss Louise Robertson

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.