

## National 5 Applications of Mathematics

The National 5 Applications Mathematics Course enables learners to apply mathematical ideas and strategies to managing finance, statistics, geometry and measurement in real-life contexts.

The mathematical skills within this Course are underpinned by numeracy and are designed to develop learners' skills in **mathematical reasoning** relevant to learning, life and work.

The Courses aim to:

- motivate and challenge learners by enabling them to select and apply mathematical skills to tackle a range of real-life problems or situations
- develop the ability to interpret/analyse real-life problems or situations involving often complex mathematics
- develop the ability to use a range of mathematical skills to analyse, interpret and present a range of information
- develop confidence in the subject and a positive attitude towards the use of mathematics in real-life situations
- develop the ability to select, apply, combine and adapt mathematical operational skills to new and unfamiliar situations in life and work to an appropriate degree of accuracy
- use mathematical reasoning skills to generalise, assess risk, build arguments, draw logical conclusions and explain decisions
- communicate mathematical information in an appropriate way
- develop the ability to think creatively and in more abstract ways

For more info see <https://www.sqa.org.uk/sqa/81281.html>