



Winchburgh Academy

National 5 Applications of Mathematics

Course Overview

The National 5 Applications of Mathematics course is designed to develop practical Mathematical and numeracy skills applicable to real-world situations such as finance, travel, statistics and measurement. It focuses on applying various Mathematical techniques to everyday life and other disciplines and is particularly beneficial for those who wish to develop Mathematical reasoning and numerical skills which are useful in other curriculum areas, such as technology, health and wellbeing, science, and social studies.

Skills Development

- analyse real-life situations and problems involving mathematics
- identify valid mathematical operational skills to tackle real-life situations or problems
- select and apply numeracy skills
- select and apply skills in finance, statistics, measurement, geometry, graphical data and probability
- use mathematical reasoning skills to draw conclusions or justify decisions
- communicate mathematical information in an appropriate way

Assessment

The course will be assessed through two exam papers. Paper 1 allows candidates to demonstrate the application of mathematical skills, knowledge and understanding from across the course without using a calculator. Paper 2, which is calculator, allows more opportunity for application and reasoning. Candidates typically use calculators where more complex calculations are required to solve problems.