



Course Choice Information – Applications of Mathematics - Nat 5

Course Information & Content

Through real-life contexts, you will learn how to apply mathematical operational skills that are directly relevant to life and work. You will develop your mathematical reasoning skills, your creativity, and your ability to draw conclusions and make and justify decisions. The course will include the freestanding Unit in Numeracy at SCQF level 5.

There are 3 units within the National 5 Mathematics Course:

Managing Finance and Statistics: In this unit you will develop your reasoning and financial skills to manage finance and statistics in real-life situations. You will also learn how to analyse financial positions, budget, and organise and present data to justify solutions and/or draw conclusions.

Geometry and Measures: In this unit you will develop your reasoning and geometric skills in real-life situations. You will also learn how to analyse and use geometry and measures to identify and justify solutions to real-life problems.

Numeracy: In this unit you will develop your numerical and information-handling skills to solve real-life problems involving number, money, time and measurement. You will also interpret graphical data and use your knowledge of probability to solve real-life problems involving money, time and measurement. This will also involve learning how to use your solutions to make and justify decisions.

Assessment

An external examination comprising two papers. The first of the two papers will be a non-calculator paper.

Homework

Regular homework will be set by the class teacher. Students of National 5 Applications of Mathematics will also be expected to complete their own private study and revision using past papers and other materials provided.

Progression

Achievement of the Course Award may provide progression to:
Specific college courses/employment prospects.

Career Options

Accountant | Actuary | Aeronautical Engineer | Air Traffic Control | Architect | Bookmaker | Civil/Diplomatic Service Worker | Economist | Finance Worker | Insurance Risk Surveyor | Investment Banker | Management Consultant | Software Engineer and Development | Statistician | Stockbroker | Surveyor | System Analyst | Teacher

[Further Information - SQA](#)

