| Block 3 | | | |
|---|---|---|---|
| Jan | 1wk | R | Angles |
| | 2wks | | Revision & Prelims |
| Feb | 1wks | R | Equations |
| | 1wk | R | Scale Factors |
| | 2wk | R | Trigonometry |
| Mar | 1wk | R | Rearranging Formulae |
| | 1wk | R | Scattergraphs |
| | 1wk | R | Revision & Resits |
| Apr | 3wks | | Revision &  AVU Test |
| May | 4wks | | Exam Leave |

## Mathematics Course Progression
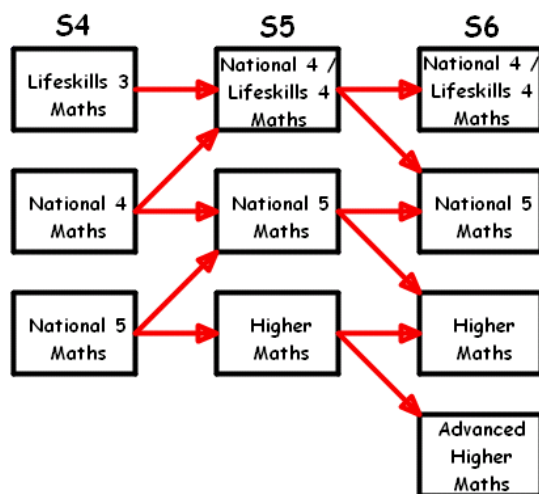


Pupils may choose to sit a level over two years.

**Nat 5 Maths:** Prerequisite for teacher training
**Higher Maths**: Prerequisite for degrees in – Maths, Physics, Chemistry, Engineering, Medicine, Veterinary Medicine
**Advanced Higher Maths:** Desirable for degrees in - Maths, Physics, Chemistry
**Maths Degree:** Careers – Actuary, Chartered Accountant, Banking/Finance, Engineering, Maths Teacher, Research/Statistics

**Drummond Community High School**
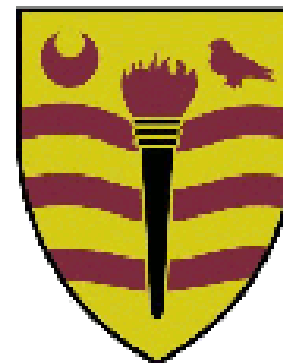
# Mathematics

# National 4

The National 4 Mathematics course consists of three units followed by an Added Value Unit Assessment (AVU).

The three units are:
- ❖ Numeracy (N)
- ❖ Expressions and Formulae (EF)
- ❖ Relationships (R)

The outcomes for each unit are assessed throughout the year, with the final Added Value (AVU) assessment at the end of the year.
All outcomes must be successfully passed to achieve an award.
There will be regular opportunities for home learning and study classes after school.



## Course Outline

| Block 1 | | | |
|---|---|---|---|
| Jun | 1wk | N | Negative Numbers |
| | 1wk | N | Percentages |
| | 1wk | N | Fractions |
| | 1wk | N & R | Measurement |
| Aug | 1wk | N | DST |
| | 1wk | N | Ratio & Proportion |
| Sep | 1wk | N | Decimals |
| | 1wk | N & EF | Graphs & Statistics |
| | 1wk | | Calculations in Context |
| | 1wk | EF & N | Probability |
| Oct | 1wk | N | Revision & Test |
| | 1wk | EF | Symmetry |

| Block 2 | | | |
|---|---|---|---|
| Oct | 1wk | EF | Area |
| Nov | 1wks | EF | Volume |
| | 1wk | | Brackets & Factorising |
| | 1wk | EF | Patterns |
| | 1wk | EF & R | Circles |
| | 1wk | EF & R | Gradient & Straight Line |
| Dec | 1wk | EF | Revision & Test |
| | 21wk | R | Pythagoras |
| | 1wk | R | Pythagoras |