

Supporting Your Learner

National 4 Mathematics

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Course Outline

In National 4 Mathematics pupils study three Units of work;

- Expressions and Formulae
- Relationships
- Numeracy

To gain National 4 Mathematics, learners must pass all three Units and the Course Assessment.

Units area assessed by the school (in four separate Assessments) and achievement of Units is recorded on the pupil's qualifications certificate.

The Course Assessment, commonly known as the Added Value Unit, consists of two Question Papers :

Paper 1 Non-calculator: 20 minutes, 14 to 16 marks

Paper 2 Calculator: 40 minutes, 29 to 31 marks

The Added Value Test will be marked by the Teacher in line with SQA guidelines, and externally quality-assured by SQA.



Added Value Unit

Although there are no National 4 Past Exam Papers the Mathematics Department Website has a Practice Paper with video solutions. In addition to this, relevant Past Exam Paper questions from the old Standard Grade General and Intermediate 1 level Qualifications have been compiled and will provide a good test of knowledge and reasoning skills. *Please note that at the time of writing the Website was being updated and the materials listed above may not be published yet.*

Ongoing and regular revision throughout the Session is important and homework exercises are issued regularly. In addition to this, topic specific revision is available via the RevisionHUB which includes Past Exam Paper worksheets, answers, video tutorials and quizzes. This section of the website is password protected and the password is available from the class Teacher. The Department issues all pupils with “Passport” booklets to help keep a record of topics covered and where revision is required.

A Calculator is an essential piece of equipment throughout the Course and pupils should be comfortable using their own. The Casio FX range of calculators is most suitable and is also required for National 5 Mathematics and National 5 Lifeskills Mathematics.

Useful Websites

In addition to using the Knox Academy website which has ample resources pupils could use the following:

[BBC Bitesize](#)

[Maths Revision.com](#) – for extra notes and questions

SQA has developed a substantial number of formative assessments designed to support learning and these at [SQA Open Assess](#).



Useful Textbooks

The following websites sell revision and course notes as well as Past Exam Papers (though these are available via our school website). We can offer individual advice on what the best option for each pupil may be.

- [Hodder Education](#)
- [Leckie and Leckie](#)
- [Bright Red Publishing](#)

Revision Classes

The Mathematics Department run a number of revision sessions – there are posters in every classroom and a timetable on the school website.

For the sessions labelled ‘drop in’, pupils are asked to bring questions along with them and pupils are always welcome to seek out any member of staff for advice.

SQA Support

The link below will allow you to access the SQA’s Parent page which will provide an overview of National Qualifications as well as helping with decisions about next steps

[SQA Support for Parent](#)

