

### **Expectations**

Along with English, Maths is one of the subjects in greater demand by employers and colleges. You may have the potential to succeed with Intermediate 1 Maths, but must be aware that this potential can only be realised by full co-operation between student and teacher.

Students are expected to arrive at class on time with the correct equipment, i.e. pencil, rubber, ruler and all relevant books and jotters.

Pupils are expected to make a thorough and honest attempt at their homework and hand in exercises on time.

Students are responsible for their own learning and thus are responsible for catching up on any work missed.

### **Useful Tips**

- Students who revise regularly have a much better chance of achieving a good grade.
- Do not try to 'cram' all the revision into the days just before a test.
- Review the work done in the Maths class each week. It may be useful to do the harder questions again.
- Ask the teacher for help when necessary.
- Additional revision material is available from the teacher if required.

### **Progression**

Students may progress to Intermediate 2 Mathematics if they attain an Intermediate 1 Mathematics Award at A, which must include Unit 3. The course may also serve as a useful qualification for further education or employment.



**Invergordon Academy**

**Mathematics Department**

## **Course Information**

# **Intermediate 1 Maths**

This information booklet outlines the Higher Still course.  
Please keep this booklet for reference purposes.

## Intermediate 1 Mathematics

The aim of this course is to enable students to build upon their previous mathematical experience, to extend their learning by introducing them to abstract mathematical concepts and broaden their learning with mathematical techniques which will be useful in everyday life.

The course consists of 3 units which are assessed internally and a final external exam.

### Entry Requirements

A Standard Grade Foundation level pass.

### Assessment

The course is assessed internally by Unit Tests and externally by a National Exam. To gain the course award students must pass both the internal and external assessments. Progress is reviewed at the end of each unit.

#### Unit Tests

- On completion of each unit, students sit a Unit Test set by SQA.
- These last 45 minutes and are marked by the class teacher.
- The tests are designed to assess the basic skills learnt in each unit and are thus deemed to be below exam standard.
- Pass mark is high, approximately 75-80%.
- Students may re-sit the tests once, but the need to do so implies that either the student has not done sufficient work or that the student is attempting a course that is too difficult.
- The Unit Tests will take place in September, December and March.

There will also be an exam standard assessment at the end of each unit.

### National Exam

- The final grade (A, B or C) awarded for Intermediate 1 Maths is determined by a National exam at the end of the year.
- The National Exam consists of two papers. Paper I is 35 minutes long and Paper II is 55 minutes.
- **Calculators are not allowed in Paper I.**
- Students who pass the unit tests but do not pass the final exam will receive a certificate showing the unit passes.

### Homework and Revision

As students move into the Senior school, they are expected to become more **responsible for their own learning**. Homework is an integral part of the course and allows students to consolidate and revise skills learnt in class.

Much of the class time will be used for discussion and demonstration of new concepts. Routine exercises designed to practise new skills may need to be completed at home if not done so in class.

Formal homework will be set on a regular basis. A reasonable amount of daily homework may also be set to allow the class to progress from a common starting point in the next lesson.

It is essential that students meet the schedule set by the class teacher. Failure to complete an exercise on time will mean that students do not have the necessary background for subsequent lessons.

In addition to set homework, students are expected to review and revise coursework throughout the year, not just in the run up to assessments.

**As a rough guide, Intermediate 1 Maths students should spend approximately 2-3 hours each week studying maths at home.**