

**What is being studied this year:**

There are around 5 or 6 topics left to cover in the syllabus and these should be completed during the Spring term, giving plenty of time for revision of the course.

Higher topics left include: Advanced trigonometry, cumulative frequency, box plots and histograms, circle theorems, vectors and proportion.

Foundation topics left include: Constructions, quadratic equations, volumes, fractions, standard form, similar shapes and solving simultaneous equations.

The Maths Department are providing a Walking Talking mock (2nd November) prior to the first set of mocks to support practising exam techniques.

Pupils receive weekly homework to complete to support their classwork and/or their revision towards the mock and final exams. One of the best methods for improving understanding and confidence in Mathematics is to practice exam questions through completing past papers. Pupils will have many opportunities to try past papers and these are likely to be set over holiday periods too. It is important pupils complete these to the best of their ability, using revision guides to help when necessary to develop their skills. Regular practice with the papers will lead to improved results as pupils familiarise themselves with the wording of questions and have a greater awareness of what skills are required to solve the problems.

**Exam Board Details:**

Edexcel Pearson Examination board:

24/05/2018 Thursday am Mathematics Paper 1 (non-calculator): Foundation Paper & Higher Paper 1MA1 1F/H 1h 30m

07/06/2018 Thursday am Mathematics Paper 2 (calculator): Foundation Paper & Higher Paper 1MA1 2F/H 1h 30m

12/06/2018 Tuesday am Mathematics Paper 3 (calculator): Foundation and Higher Paper 1MA1 3F/H 1h 30m

Details of extension paper exams for our most able mathematicians:

19/06/2018 Tuesday am AQA Certificate in Further Mathematics 1 (non-calculator) 8360/1 1h 30m  
19/06/2018 Tuesday pm OCR Additional Mathematics 6993 2h 21/06/2018 Thursday pm AQA Certificate in Further Mathematics 2 (calculator) 8360/2 2h

Mathematics

**What Can You Do To Support Your Child?**

Maths Revision classes run every Wednesday from 3.15 – 4pm with their class teacher.

GCSE Edexcel Revision Guides and Practice books (Collins) are available from school for £4.00 (Retail Price: £10.99).

Revision guides and workbooks are also available for the extension courses offered to our most able mathematicians.

Casio Scientific Calculators can be bought from the school for £6.75.

Pupils need to be fully equipped in lessons and for the mock and final exams. They need: pens, pencils, ruler, pair of compasses, protractor, rubber and a scientific calculator.

Pupils have been issued with a Maths Revision passport to record evidence of their revision on a weekly basis. This could include topics they have been revising, revision sessions attended, homework completed, etc. Please ask them how their maths revision is going and check they are filling in their passport with information.

Please check your child is completing their past papers properly. These will help develop their understanding and improve confidence if sufficient time is invested in them. Please note: every child will have two practice exam papers to complete over the October half term break as part of their revision for their November mocks.

Recommended Maths revision websites:

http://vle.mathswatch.com Often used for homework tasks and revise for tests using the videos, worksheets and interactive questions. Log-in details in pupil planners.

<http://www.pixl.org.uk/> This site includes analysis of your child’s performance in the Year 10 maths exams and sets appropriate individualised questions on areas of weakness from these exams. Analysis of the year 11 mocks will be available through this site too. Log-in details are available from their Maths teacher.

<http://corbettmaths.com/5-a-day> Offers a fantastic daily dose of GCSE style questions. Videos and topic practice questions are also recommended.

<http://mrbartonmaths.com/students/gcse/question-of-the-week/#data> This section was added last year - badly answered GCSE questions—well worth checking out to avoid making the same mistakes!

<https://www.onmaths.com/> Interactive GSCE resources with immediate feedback on your performances.

<https://crashmaths.com/> Lots of worksheets and past papers available to support your revision.

General Advice from the Examiner’s Board (See separate sheet for more details)

* read the information given in each question very carefully and include working out for all questions where appropriate; present their work logically and in an organised way on the page.
* show working and not just use a calculator and then write down the answer only.
* draw a diagram when one is not provided for a geometry question to aid understanding of the situation.