

**What is being studied this year:**

There are around 8 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, histograms, functions, 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 during the week beginning 29th October 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:

21/05/2019 Tuesday am Mathematics Paper 1 (non-calculator): Foundation Paper & Higher Paper 1MA1 1F/H 1h 30m

06/06/2019 Thursday am Mathematics Paper 2 (calculator): Foundation Paper & Higher Paper 1MA1 2F/H 1h 30m

11/06/2019 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:

14/06/2019 Friday pm AQA Certificate in Further Mathematics 1 (non-calculator) 8360/1 1h 30m
17/06/2019 Monday pm AQA Certificate in Further Mathematics 2 (calculator) 8360/2 2h

18/06/2019 Tuesday am OCR Additional Mathematics 6993 2h

Mathematics

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

Maths Revision classes run every Wednesday from 3.15 – 4.15pm with their class teacher.

GCSE Edexcel Revision Guides and Practice books (Collins) are available from school for £4.00 (Retail Price: £10.99). See separate sheet for a list of all the resources available to buy. This can be completed and handed into Finance to purchase any required items.

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. Our Exam Analysis sheets used after every exam include video clips from this site to target and improve areas of weakness.

<https://mathsapp.pixl.org.uk/PMA.html> - pupils can get log-in details from their Maths Teacher. This site includes a daily challenge and set tasks focusing on target grade questions.

Gojimo app – available free of charge from App store, offers sets of 5 question tests with feedback when pupils are stuck or get questions wrong. A great small dose that works well if tried each day.

<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.

As well as these websites, we sell a variety of revision aids. All resources are considerably cheaper than the retail price. These include sets of practice papers in a similar style to the exam board and workbooks including one which specifically targets grades 8-9 topics. The sets of Revision postcards available via [www.corbettmaths.com](http://www.corbettmaths.com) have also proved to be very popular although are slightly more expensive at £6.25 for a pack of 90 postcards.

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.

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.