



## GCSE Maths

### Y7 and Y8 Maths

Throughout the year, every class will have a focus on arithmetic knowledge, understanding and skills. This will be embedded in lessons and homework. In addition, topical work (often in 2 or 3 week blocks) will be taught alongside the ongoing arithmetic. These topics will mainly cover Algebra, Shape and Measure, Geometry, Probability and Statistics.

### Y9 and Y10 Maths

Same as Y7 and Y8. Additionally a large focus of the course is using mathematical knowledge and skills in multi-step problem solving.

### Y11 Maths

The focus of Y11 is to revise all of the GCSE content of maths ensuring that pupils are confident and competent in applying them in exam style problems.

#### Autumn Term:

Topical revision lessons with a weekly focus are followed up by exam questions homework.

#### Spring Term:

More holistic revision lessons are backed up with a weekly past paper completed for homework.

### What you can do as a parent to support your child throughout this course

Knowledge of timetables is essential and regular practice will be beneficial. Any opportunities for your child to share with you what they are working on in maths will be of value. Support with homework can be very beneficial, provided that your child is the main contributor.

GCSE maths has a significant focus on communication. Any opportunities for your child to share with you what they are working on in maths will be of value. 'Mymaths' is an excellent website to use for ongoing support and revision of topics covered in class.

Particularly in Y11 it is essential that students complete their homework independently. Support in giving your child a suitable environment to work will be highly beneficial.

### Assessment Procedures & Key dates

Students are assessed in one topic per half term. Levels and feedback is shared via students' blue book. Rainbow arithmetic 'level checks' are completed once a term. These are a diagnostic test that can inform pupils of particular strengths and areas for development. An end of year assessment is taken during the summer term. Assessment data is used to monitor progress and inform the maths department of any interventions that are needed in supporting students who are underperforming.



## Assessment Procedures & Key dates for GCSE

Students are assessed in one topic per half term. Levels and feedback is shared via students' blue book. A GCSE style assessment is taken mid-year and end-of-year to monitor pupils' progression towards their final GCSE exam.

In Y11 the weekly homeworks are used to assess progress. Mock exams take place before Christmas and the past papers in Spring Term can monitor progress towards the final exams.

Assessment data is used to monitor progress and inform the maths department of any interventions that are needed in supporting students who are underperforming.

## Marking & feedback Policy: Key points

Any marking and feedback has the aim to encourage pupils to reflect on their work. Green books are usually marked by the pupil or by a peer. Red books (number and algebra) are marked by the teacher with a red pen. Pupils use a green pen to respond to feedback and follow up homework may be set based on the feedback. Blue books are marked by the teacher and response from pupils is expected.

In Y11 any marking and feedback has the aim to encourage pupils to reflect on their work. No exercise book is used and pupils are responsible for keeping an organised file of revision notes and homework sheets. Homework is marked by the teacher and time is given in lessons to reflect and respond to feedback.

## When external exam units take place:

May/June of Y11