

Maths Department Curriculum Guide

Year 9

Curriculum

Autumn	Spring	Summer
<ul style="list-style-type: none"> Sequences, functions & graphs Fractions, decimals & %; ratio & Proportion Equations, formulae & identities Angles & constructions Surveys & interpretations 	<ul style="list-style-type: none"> Place value & using a calculator efficiently Integers, powers & roots Measures & mensuration Probability Transformations 	<ul style="list-style-type: none"> Compound measures inc distance/time & speed/time graphs Pythagoras's theorem Similarity & basic trigonometry GCSE <i>Integers and place value</i> <i>Decimals</i> <i>Properties of shape</i> <i>Types of number & Investigations</i>

Assessment & Homework

Homework will be set by both Maths teachers on a fortnightly basis so that on average students will be set 1 assignment per week. Details of assignments will be set on Arbor and some will be on Mymaths, which is an excellent online resource that we subscribe to. Login details are reset and shared with pupils at the start of each academic year. At times there will be two tasks to do on Mymaths but these can be very short and pupils should expect to spend roughly 30 minutes on the Maths homework they've been assigned.

Assessments are conducted half termly and details of topics and schedule are shared with pupils before the assessments. These generally last an hour, the duration of a lesson.

Resources

- Mymaths has a wonderful library of powerpoint lessons, which are accompanied by assessments.
- OneNote has tabs with the lessons teachers deliver, the scheme of work and knowledge organisers.

Extra and Super Curricular Opportunities

There are two lunchtime clubs that pupils can attend. These are the Rubik's and code breaking club as well as a Maths catch up club, where pupils can do some work or play maths games.