OVERVIEW

Students study topics in each of the five key strands in mathematics: Number, Algebra, Geometry, Ratio & Proportion and Statistics & Probability. Each strand builds on their prior learning from Years 7, 8, 9 and 10.

We focus on developing knowledge and skills in each of the five strands which students will then build on to solve problems and reason mathematically.

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Unit F30: Algebra Review – simplifying, expanding and factorising, solving equations

Unit F31: Right Angle Trigonometry - Pythagoras theorem finding missing sides

Unit F32: Similar Shapes and Congruence - similar triangles, congruent shapes

Unit F33: Construction and Loci - line bisectors, angle bisectors, loci rules, loci problem solving

Classes follow a bespoke Revision Programme based on identified areas of need to prepare them for the final GCSE assessment.

Assessment:

Mock 1 takes place in Half Term 2.

Students will be informally assessed every lesson using questioning, mini whiteboards and marking of independent work.

There will be fortnightly Pre Seen assessments to prepare students for the full GCSE exams.

Spr

Classes follow a bespoke Revision Programme based on identified areas of need to prepare them for the final GCSE assessment.

Assessment:

Mock 1 takes place in Half Term 4.

Students will be informally assessed every lesson using questioning, mini whiteboards and marking of independent work.

There will be fortnightly Pre Seen assessments to prepare students for the full GCSE exams.

Sum

Classes follow a bespoke Revision Programme based on identified areas of need to prepare them for the final GCSE assessment.

Assessment:

Students will be informally assessed every lesson using questioning, mini whiteboards and marking of independent work.

There will be an End of Topic Review at the end of each unit.

There will be fortnightly Pre Seen assessments to prepare students for the full GCSE exams.

Useful resources for supporting your child at home:

Videos on Sparx (www.sparxmaths.uk)

Videos on Corbett Maths (Videos and Worksheets – Corbettmaths)

CGP GCSE Maths Edexcel Revision Guide (link here)

REVISE Pearson Edexcel GCSE (9-1) Mathematics (link here)

Homework:

Homework will be set on Sparx (www.sparxmaths.uk).

Homework will be set once a week and students are expected to complete 100% of their homework each week. Homework is bespoke for all students depending on their performance in previous weeks.