



Subject:	Mathematics
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Head of Department:	Ms G Mason
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Year:	Eight
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Curriculum organisation
Students will be taught in setted ability groups of between 26 – 32. There are two populations of students, each with 3 groups in Year 8.

What topics will your daughter be studying this year?			How will your daughter be learning?
Autumn Term <ul style="list-style-type: none"> Decimals Algebra – simplifying, expanding, factorising, solving equations and inequalities Pythagoras’ Theorem Trigonometry Rounding and Estimating Ratio 	Spring Term <ul style="list-style-type: none"> Probability Standard form Formulae Constructions Types of number Compound measures Sequences 	Summer Term <ul style="list-style-type: none"> Area and volume Fractions Percentages Graphs Transformations 	<ul style="list-style-type: none"> Whole class discussion Pair work Problem-solving tasks Individual written tasks

Equipment needed for lessons	What can you do to support your daughter?
<ul style="list-style-type: none"> Standard school stationery Textbook “Pearson KS3 Maths Progress δ one” Scientific Calculator Compass Protractor 	<ul style="list-style-type: none"> Ask them about their classwork and homework. Encourage them to chat about numeracy and ensure that they are confident and fluent with times tables. Look at their challenging starter work and discuss any thinking skills activities they are set.

How will learning be assessed and progress measured?	Extension & Enrichment opportunities
<ul style="list-style-type: none"> Baseline assessment in Autumn half-term 1 Assessments each half term Students will peer-mark some exercises Key homework tasks will be marked by the teacher (graded using the WKGS Grading Criteria?) MyMaths tasks will be set 	<ul style="list-style-type: none"> UKMT Maths Challenges Fortnightly Maths Challenges

If you have any questions about this Learning Overview, please contact the named Head of Department above.