



Curriculum Overview 2021-22: Mathematics

Year Group	Autumn Term	Spring Term	Summer Term	Useful Information/ Websites
Year 7	<p>Foundation Calculating Analysing and displaying data Expressions, functions and formulae Fractions, decimals and percentages</p> <p>Intermediate Number Skills Analysing and displaying data Expressions, functions and formulae Fractions</p> <p>Higher Number Skills Analysing and displaying data Expressions, functions and formulae Fractions</p>	<p>Foundation Decimals and measures Angles and lines Graphs</p> <p>Intermediate Decimals and measures Lines and angles Sequences and graphs</p> <p>Higher Decimals Angles and shapes Sequences and graphs</p>	<p>Foundation Factors and multiples Measuring and shapes Transformations</p> <p>Intermediate Ratio and proportion Perimeter and Area Transformations</p> <p>Higher Multiplicative reasoning Perimeter, area and volume Transformations</p>	<p>MathsWatch Mathsgenie Corbettmaths AMA Twitter-AMA_Maths AMA Instagram - AMA_Maths</p> <p>https://padlet.com/tessmaths1/parentguide</p>
Year 8	<p>Foundation Number properties and calculations Shapes and measures in 3D Expressions and equations Real-life graphs</p> <p>Intermediate Number</p>	<p>Foundation Decimals calculations Angles Number properties Probability</p> <p>Intermediate Decimals and ratio Lines and angles</p>	<p>Foundation Fractions and percentages Sequences Statistics</p> <p>Intermediate Percentages, decimals and fractions</p>	<p>MathsWatch Mathsgenie Corbettmaths AMA Twitter-AMA_Maths AMA Instagram - AMA_Maths</p> <p>https://padlet.com/tessmaths1/parentguide</p>



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	Area and volume Expressions and equations Real-life graphs Higher Factors and powers 2D shapes and 3D solids Working with powers Real-life graphs		Calculating with fractions Probability Higher Decimals Constructions and loci Scale drawings and measurements Probability		Straight-line graphs and sequences Statistics, graphs and charts Higher Fractions, decimals and percentages Graphs and sequences Statistics, graphs and charts		
Year 9	Exam specification: Edexcel Higher; Edexcel Foundation						MathsWatch Mathsgenie Corbettmaths AMA Twitter-AMA_Maths AMA Instagram - AMA_Maths https://padlet.com/tessmaths1/parentguide
	Higher	Foundation	Higher	Foundation	Higher	Foundation	
	Unit 1 Number Unit4 Fractions, ratio and percentages Unit 2 Algebra Unit 6 Graphs	Unit 1 Number Unit 4 Fractions and percentages Unit 2 Algebra Unit 3 Graphs, tables and charts	Unit 9 Equations and inequalities Unit 5 Angles and trigonometry Unit 3 Interpreting and representing data Unit 10 Probability	Unit 5 Equations, inequalities and sequences Unit 6 Angles Unit 7 Averages and range Unit 13 Probability	Unit 7 Area and volume Unit 8 Transformations Unit 12 Similarly and congruence	Unit 8 Perimeter, area and volume 1 Unit 17 Perimeter, area and volume 2 Unit 10 Transformations Unit 12 Right-angled triangles	
Year 10	Exam specification: Edexcel Higher; Edexcel Foundation						
	Higher	Foundation	Higher	Foundation	Higher	Foundation	
	Unit 1 Number & unit 2 algebra: REVISION	Unit 1 Number & unit 2 algebra: REVISION	Unit 14 Further statistics Unit 10 probability	Unit 12 Right-angled triangles Unit 13 Probability	Unit 17 More algebra Unit 16 Circle theorems REVISION	Unit 17 Perimeter, area and volume 2 Unit 15 Constructions,	

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	Unit 9 Equations and inequalities Unit 15 Equations and graphs Unit 13 More trigonometry	Unit 9 graphs unit 10 transformations Unit 11 Ratio and proportion	Unit 11 Multiplicative reasoning	Unit 14 Multiplicative reasoning Unit 16 Quadratic equations and graphs		loci and bearings REVISION	
Year 11	Exam specification: Edexcel Higher; Edexcel Foundation						
	Higher	Foundation	Higher	Foundation	Higher	Foundation	
	Unit 1&2 Number and Algebra: recap Unit 17 More algebra Surds Unit 18 Vectors and geometric proof Functions	Unit 1&2 Number and Algebra: recap Unit 20 More algebra Unit 18 Fractions, indices and standard form Unit 19 Congruence, similarity and vectors	Bespoke revision plans	Bespoke revision plans	Revision of Exam questions	Revision of Exam questions	

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