



SRS –Curriculum Overview – Maths

	Term 1 Key knowledge/skills	Term 2 Key knowledge/skills	Term 3 Key knowledge/skills	Resources & Information for parents/students
EYFS	Match, sort and compare Talk about measure and patterns It's me 1,2,3 Circles and triangles 1,2,3,4,5 Shapes with 4 sides	Alive in 5 Mass and capacity Growing 6,7,8 Length, height and time Building 9 and 10 Explore 3-D shapes	To 20 and beyond How many now? Manipulate, compose and decompose Sharing and grouping Visualise, build and map Make connections	Whiterose Maths resources for teachers White Rose Maths (whiteroseeducation.com) Early years Maths - BBC Bitesize
Y1	Number – Place value (within 10) Number – Addition and subtraction (within 10) Geometry – Shape	Number – Place value (within 20) Number – Addition and subtraction (within 20) Number – Place value (within 50) Measurement – Length and height Measurement – Mass and volume	Number – Multiplication and division Number – Fractions Geometry – Position and direction Number – Place Value (within 100) Measurement – Money Measurement - Time	Whiterose Maths resources for teachers White Rose Maths (whiteroseeducation.com) KS1 Maths - BBC Bitesize Numbots Game Home - MyMaths
Y2	Number – Place value Number – Addition and subtraction Geometry – Shape	Measurement – Money Number – Multiplication and division Measurement – Length and height Measurement – Mass, capacity and temperature	Number – Fractions Measurement – Time Statistics Geometry – Position and direction	Whiteorse Maths resources for teachers White Rose Maths (whiteroseeducation.com) KS1 Maths - BBC Bitesize Numbots Game Times Tables Rock Stars: Play (ttrackstars.com) Home - MyMaths
Y3	Number – Place value Number – Addition and subtraction Number – Multiplication and division	Number – Multiplication and division Measurement – Length and perimeter Number – Fractions Measurement – Mass and capacity	Number – Fractions Measurement – Money Measurement – Time Geometry – Shape Statistics	Whiterose Maths resources for teachers White Rose Maths (whiteroseeducation.com) KS2 Maths - BBC Bitesize Times Tables Rock Stars: Play (ttrackstars.com) Home - MyMaths
Y4	Number – Place Value Number – Addition and subtraction Measurement – Area Number – Multiplication and division	Number – Multiplication and division Measurement – Length and perimeter Number – Fractions Number - Decimals	Geometry – Shape Geometry – Position and direction Number – Decimals Number – Negative numbers Measurement – Converting units Measurement – Volume	Whiterose Maths resources for teachers White Rose Maths (whiteroseeducation.com) KS2 Maths - BBC Bitesize Times Tables Rock Stars: Play (ttrackstars.com) Home - MyMaths
Y5	Number - Place value Number - Addition and subtraction Number – Multiplication and division Number – Fractions	Number – Multiplication and division Number – Fractions Number – Decimals and percentages Measurement- Perimeter and area Statistics	Number – Decimals Geometry - Properties of Shapes and Angles Geometry- position and direction Measurement- converting units Measures Volume	Whiterose Maths resources for teachers White Rose Maths (whiteroseeducation.com) KS2 Maths - BBC Bitesize Times Tables Rock Stars: Play (ttrackstars.com) Home - MyMaths



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Y6	Number – Place value Number – Addition, subtraction, multiplication and division Number – Fractions Number – Fractions Measurement – Converting units	Number – Ratio Number – Algebra Number – Decimals Number – Fractions, decimals and percentages Measurement – Area, perimeter and volume statistics	Geometry – Shape Geometry – Position and direction Post year 6 SATS/transition for year 7	Whiterose Maths resources for teachers White Rose Maths (whiteroseeducation.com) KS2 Maths - BBC Bitesize Times Tables Rock Stars: Play (trockstars.com) Home - MyMaths
Y7	Axioms and arrays, factors and multiples, order of operations, positive and negative numbers, sequences, expressions and equations	Classifying 2D shapes, constructing triangles and quadrilaterals, co-ordinates, area of 2D shapes, transforming 2D shapes	Prime factor decomposition, equivalent fractions, all operations acting on fractions, ratio, percentage	Teachers/students Whiterose Maths resources for teachers White Rose Maths (whiteroseeducation.com) https://www.mathsbox.org.uk/index1.php https://vle.mathswatch.co.uk/vle/ https://www.sparxmaths.uk/teacher/whats-new students/parents https://www.mathsgenie.co.uk/
Y8	Primes and factorising, adding and subtracting fractions, positive and negative numbers, sequences, expressions and equations	Triangles, quadrilaterals and angles in parallel lines, length and area – parallelograms and trapezia, percentage change, ratio	Circumference and area of a circle, 3D shapes and nets, surface area and volume, statistics	Teachers/students Whiterose Maths resources for teachers White Rose Maths (whiteroseeducation.com) https://www.mathsbox.org.uk/index1.php https://vle.mathswatch.co.uk/vle/ https://www.sparxmaths.uk/teacher/whats-new students/parents https://www.mathsgenie.co.uk/



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<p>Y9</p>	<p>Equations and inequalities, probability, multiplicative reasoning, similarity and congruence</p>	<p>Trigonometry, statistics, equations and graphs</p>	<p>Circle theorems, algebraic fractions, functions and proof</p>	<p>Teachers/students</p> <p>Whiterose Maths resources for teachers White Rose Maths (whiteroseeducation.com) https://www.mathsbox.org.uk/index1.php</p> <p>https://vle.mathswatch.co.uk/vle/</p> <p>https://www.sparxmaths.uk/teacher/whats-new</p> <p>students/parents</p> <p>https://www.mathsgenie.co.uk/</p>
<p>Y10</p>	<p>Foundation: Area and volume Straight line graphs Transformations Ratio and proportion Higher: Area and volume (including circles) Graphs (linear and quadratic) Transformations Equations and inequalities</p>	<p>Foundation: Pythagoras and trigonometry Venn diagrams and tree diagrams Compound units Loci Higher: Tree diagrams and Venn diagrams Compound measures Similarity and congruence</p>	<p>Foundation: Quadratics Area of circles and sectors Standard form Higher: Sine and cosine rule Box plots and histograms Circle theorems</p>	<p>Teachers/students</p> <p>Whiterose Maths resources for teachers White Rose Maths (whiteroseeducation.com) https://www.mathsbox.org.uk/index1.php</p> <p>https://vle.mathswatch.co.uk/vle/</p> <p>https://www.sparxmaths.uk/teacher/whats-new</p> <p>https://www.pearsonactivelearn.com/app/library</p> <p>students/parents</p> <p>https://www.mathsgenie.co.uk/</p> <p>https://corbettmaths.com/</p>
<p>Y11</p>	<p>Higher: <ul style="list-style-type: none"> Equations and graphs Circle theorems More algebra Vectors and geometric proof Foundation: <ul style="list-style-type: none"> Number (Fractions, Prime factors) Linear graphs ($y = mx + c$, Real-life graphs) Probability (Two events, Venn diagrams, Tree diagrams) </p>	<p>Higher: <ul style="list-style-type: none"> Proportion and graphs Revision/ Exam practise <ul style="list-style-type: none"> Multiplicative reasoning Probability Foundation: <ul style="list-style-type: none"> Algebra (Forming and Solving equations, nth term of a sequence, Simultaneous Equations) Percentages/Ratio Right-angled triangles (Pythagoras, Trigonometry) Transformations/Angles </p>	<p>Higher (Revision)/ Exam practise <ul style="list-style-type: none"> Multiplicative reasoning More trigonometry Further statistics Foundation (Exam practise): <ul style="list-style-type: none"> Perimeter, area and volume Constructions, loci and bearings Vector/standard form/averages </p>	<p>Teachers/students</p> <p>Whiterose Maths resources for teachers White Rose Maths (whiteroseeducation.com) https://www.mathsbox.org.uk/index1.php https://vle.mathswatch.co.uk/vle/ https://www.sparxmaths.uk/teacher/whats-new https://www.pearsonactivelearn.com/app/library</p> <p>students/parents</p> <p>https://www.mathsgenie.co.uk/</p> <p>https://corbettmaths.com/</p>



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Y12	Functions Partial Fractions Parametric Equations Sequences and Series	Trigonometry Differentiation Integration Numerical Methods 3D Vectors Proof	Probability Statistical Distributions Statistical Hypothesis Testing Forces Kinematics Moments	Teachers/students https://www.mathsbox.org.uk/index1.php https://www.pearsonactivelearn.com/app/library students/parents https://www.mathsgenie.co.uk/ https://www.examsolutions.net/as-maths/ https://www.adamsmaths.uk/
Y13	Functions Partial Fractions Parametric Equations Sequences and Series	Trigonometry Differentiation Integration Numerical Methods 3D Vectors Proof	Probability Statistical Distributions Statistical Hypothesis Testing Forces Kinematics Moments	Teachers/students https://www.mathsbox.org.uk/index1.php https://www.pearsonactivelearn.com/app/library students/parents https://www.mathsgenie.co.uk/ https://www.examsolutions.net/as-maths/ https://www.adamsmaths.uk/