Yearly Curriculum Plan – Maths

Maths Long Term Plan 2020-2021

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Foundation Stage (Nursery) **Number**	• Counting to 10 • Numbers 1-5 (NCETM Numberblocks) Deeper understanding of number	• Counting to 20 • Numbers to 10 • Deeper understanding of number • Begin number formation Counting jumps, claps etc.	• Beginning to represent numbers using fingers, marks on paper or pictures. Shows an interest in number problems.	• Counting forwards and backwards to 20. • Matching object to numeral.	• Numbers 11-15 • 1 more, 1 less • Simple number problems Adding two groups of objects	• Numbers 15-20 • Subtraction using objects Simple number problems
(Nursery) **Shape, space and measure**	• Shape recognition Making arrangements with shapes	• Using shapes appropriately for tasks. Positional language	• Shows interest in shape by sustained construction activity or by talking about shapes or arrangements. Beginning to talk about the shapes of everyday objects, e.g. 'round' and 'tall'.	• Money – World maths day. • Comparing size – taller, shorter, bigger, smaller. • Using cubes for measuring. Capacity – goldilocks and the three bears – which bowl holds the most etc.	Language related to time	• Pattern Sequencing events
(Reception) **Number**	Counting and number recognition.	Numbers 3-5 Comparing numbers One More and One Less Addition to 5	Numbers 6 – 10 Addition to 10 Number bonds to 10 – part/whole model and tens frame	Counting in 5's Counting up to 20 Comparing amounts Combining two groups of objects Adding by counting on Doubling	Subtraction Halving Sharing Odd and even numbers	Consolidation of Early Learning Goal and Exceeding Number aspects.
(Reception) Shape, space and measure		Money 2d shape Sorting Time	3d shape	Measuring and comparing lengths	Capacity Pattern Weighing objects and comparing weights	Consolidation of Early Learning Goal and Exceeding Shape, Space and Measure aspect.

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	White Rose Maths – Autumn term	White Rose Maths – Spring term	White Rose Maths – Summer term
Year 1	Place Value within 10 Addition and Subtraction Shape (Geometry) Place Value (within 20).	 Addition and Subtraction (Within 20). Place Value (Within 50). Length and Height Weight and Volume	Multiplication and Division Fractions Position and Direction Place value within 100. Money Time
Year 2	White Rose Maths – Autumn term Number – place value (3 weeks) Number – addition, subtraction (5 weeks) Measurement – money (2 weeks) Number – Multiplication and division (2 weeks)	White Rose Maths – Spring term Number – Multiplication and division (2 weeks) Statistics (2 weeks) Geometry – Properties of shape (3 weeks) Number – Fractions (3 weeks) Measurement – Length and height (1 week) Scales – 2,5,10 Consolidation /SATS revision	White Rose Maths – Summer term Consolidation/SATS revision Geometry – position and direction (3 weeks) Problem solving and efficient methods (2 weeks) Measurement time (2 weeks) Measurement – Mass, capacity, temperature (3 weeks) Investigations (2 weeks)
Year 3	White Rose Maths – Autumn term Number – place value Number – addition, subtraction Number - multiplication & division Consolidation	White Rose Maths – Spring term Number – multiplication and division Measurement – money Measurement – length and perimeter Number – fractions Consolidation	White Rose Maths – Summer term Number – fractions Measurement – time Geometry – properties of shapes Measurement – mass and capacity Consolidation
Year 4	White Rose Maths – Autumn term Number, place value & rounding in 4 digit numbers. Addition & subtraction with up to 4 digits. Multiplication & division up to 12 x 12	White Rose Maths – Spring term Written multiplication and division Multiply & divide mentally. Multiplication & division up to 12 x 12	White Rose Maths – Summer term Order, compare and round decimals. Find equivalent fraction and decimals. Estimate, compare and calculate different measures,

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	Multiply 2 & 3 digits by 1 digit numbers. Multiply & divide mentally. Measure and calculate perimeter of a rectilinear figure To convert between different units of measure.	Find the area of a rectilinear shape. Count up & down in hundredths. Add & subtract fractions Decimal equivalents of tenths and hundredths Convert between different units of measure.	including money in pounds and pence. Convert between different units of measure. Read, write and convert time between analogue and digital 12- and 24- hour clocks. Interpret and present data using charts and tables. Geometry – properties of shapes including angles and lines of symmetry Geometry – position and direction; co-ordinates and translations
Year 5	White Rose Maths – Autumn term Number – place value Number – addition, subtraction Statistics Number – multiplication and division Measurement – Perimeter and Area	White Rose Maths – Spring term Number – multiplication and division Number – Fractions Number – decimals and percentages	White Rose Maths – Summer term Number – decimals Geometry – property of shapes Geometry – position and direction Measurement – converting units Measurement volume
Year 6	**White Rose Maths – Autumn term** Number – place value Number – addition, subtraction, multiplication & division Fractions Geometry – position & direction Entrance exam revision	**White Rose Maths – Spring term** Number – decimals Number – percentages Number – algebra Measurement – converting units Measurement – perimeter, area & volume Number – ratio Statistics SATS revision	**White Rose Maths – Summer term** SATS revision Geometry – properties of shapes Consolidation, investigations & KS3 preparation