

## Yearly Curriculum Plan – Maths

### Maths Long Term Plan 2021-2022

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
<p><b>Foundation Stage (Nursery)</b></p> <p><b>Number</b></p>	<p>Numbers to 5:</p> <ul style="list-style-type: none"> <li>- Number recognition</li> <li>- One to one, abstract, ordinal principle, cardinal principle</li> <li>- Subitising</li> <li>- Making amounts</li> </ul> <p>Match and sort amounts Compare size and mass Explore pattern</p>	<p>Numbers to 8:</p> <ul style="list-style-type: none"> <li>- Number recognition</li> <li>- One to one, abstract, ordinal principle, cardinal principle</li> <li>- Subitising</li> <li>- Addition and subtraction facts to 5</li> </ul> <p>2d shapes Positional language</p>	<p>Numbers to 10:</p> <ul style="list-style-type: none"> <li>- Number recognition</li> <li>- One to one, abstract, ordinal principle, cardinal principle</li> <li>- Subitising</li> <li>- Addition and subtraction facts to 10</li> </ul> <p>Length and height Time</p>	<p>Numbers to 10:</p> <ul style="list-style-type: none"> <li>- Consolidation</li> </ul> <p>3d shape Time Pattern Reciting numbers to 20 and beyond</p>	<p>Building numbers beyond 10 Counting patterns beyond 10 Spatial reasoning Addition Subtraction</p>	<p>Doubling numbers Sharing and grouping Even and odd numbers Consolidation Nursery continue with numbers to 10 and 2d shape</p>
<p><b>(Nursery)</b></p> <p><b>Shape, space and measure</b></p>	<ul style="list-style-type: none"> <li>• Shape recognition</li> <li>• Making arrangements with shapes</li> </ul>	<ul style="list-style-type: none"> <li>• Using shapes appropriately for tasks.</li> </ul> <p>Positional language</p>	<ul style="list-style-type: none"> <li>• Shows interest in shape by sustained construction activity or by talking about shapes or arrangements.</li> </ul> <p>Beginning to talk about the shapes of everyday objects, e.g. 'round' and 'tall'.</p>	<ul style="list-style-type: none"> <li>• Money – World maths day.</li> <li>• Comparing size – taller, shorter, bigger, smaller.</li> <li>• Using cubes for measuring.</li> </ul> <p>Capacity – goldilocks and the three bears – which bowl holds the most etc.</p>	<p>Language related to time</p>	<ul style="list-style-type: none"> <li>• Pattern</li> </ul> <p>Sequencing events</p>
<p><b>(Reception)</b></p> <p><b>Number</b></p>	<p>Counting and number recognition.</p>	<p>Numbers 3-5 Comparing numbers One More and One Less Addition to 5</p>	<p>Numbers 6 – 10 Addition to 10 Number bonds to 10 – part/whole model and tens frame</p>	<p>Counting in 5's Counting up to 20 Comparing amounts Combining two groups of objects Adding by counting on Doubling</p>	<p>Subtraction Halving Sharing Odd and even numbers</p>	<p>Consolidation of Early Learning Goal and Exceeding Number aspects.</p>
<p><b>(Reception)</b></p> <p><b>Shape, space and measure</b></p>		<p>Money 2d shape Sorting Time</p>	<p>3d shape</p>	<p>Measuring and comparing lengths</p>	<p>Capacity Pattern Weighing objects and comparing weights</p>	<p>Consolidation of Early Learning Goal and Exceeding Shape, Space and Measure</p>

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

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<b>Year 5</b>	<u>White Rose Maths – Autumn term</u> Number – Place Value (Week 1-3) Number – Addition and Subtraction (Week 4-6) Statistics (Week 7-9) Number – Multiplication and Division (Week 10-13) Measurement – Perimeter and Area (Week 14-15)	<u>White Rose Maths – Spring term</u> Number – Multiplication and Division (Week 1-3) Number – Fractions (Week 4 - 9) Number – Decimals and Percentages (Week 10-11)	<u>White Rose Maths – Summer term</u> Number – Decimals (Week 1-4) Geometry – Properties of Shapes (Week 5-8) Geometry – Position and Direction (Week 9-10) Measurement – Converting Units (Week 11-13) Measurement - Volume (Week 14)
<b>Year 6</b>	<u>White Rose Maths – Autumn term</u> Number – place value Number – addition, subtraction, multiplication & division Fractions Geometry – position & direction Entrance exam revision	<u>White Rose Maths – Spring term</u> Number – decimals Number – percentages Number – algebra Measurement – converting units (*) Measurement – perimeter, area & volume (*) Number – ratio Statistics SATS revision	<u>White Rose Maths – Summer term</u> SATS revision Geometry – properties of shapes Consolidation, investigations & KS3 preparation