



Maths- Whole School Overview of Learning



YEAR GROUP	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
Reception	<p>Taught through: Mastering Number, Numberblocks (NCETM planning) and White Rose Maths.</p> <p>White Rose Maths Units: Getting to Know You Just like me!</p> <ul style="list-style-type: none"> ✓ Number and place value. Numbers 1,2,3. ✓ Counting rhymes. ✓ Numberblocks 1-3. ✓ 1:1 counting objects – 1-3 ✓ Odd & even numbers ✓ One more, one less ✓ Match, sort and compare amounts ✓ Compare size, mass & capacity. ✓ Exploring pattern ✓ What do you notice activities. ✓ Explore routines & structures of the day – positional language. ✓ Time ✓ Money 	<p>Taught through: Mastering Number, Numberblocks (NCETM planning) and White Rose Maths.</p> <p>White Rose Maths Units: It's Me 1 2 3! Light & Dark</p> <ul style="list-style-type: none"> ✓ Number and place value. ✓ Numbers 1,2,3,4,5. ✓ Numberblocks 1-5. ✓ 1:1 counting objects – 1-5 ✓ One more, one less ✓ Odd & even numbers ✓ Representing 1,2,3 ✓ Comparing 1,2,3 ✓ Composition of 1,2,3 ✓ Representing numbers to 5. ✓ Investigating circles & triangles. ✓ Investigating shapes with 4 sides ✓ What do you notice activities. ✓ Positional Language ✓ Time ✓ Money 	<p>Taught through: Mastering Number, Numberblocks (NCETM planning) and White Rose Maths.</p> <p>White Rose Maths Units: Alive in 5 Growing 6,7,8</p> <ul style="list-style-type: none"> ✓ Number and place value ✓ Numbers – 5,6,7,8 ✓ Numberblocks – 5,6,7,8 ✓ 1:1 counting objects - 1-5 ✓ Odd & even numbers ✓ One more, one less ✓ Introducing zero ✓ Comparing numbers to 5 ✓ Composition of 4 & 5 ✓ Bonds to 5 ✓ Compare mass & capacity ✓ Making pairs – 6,7,8 ✓ Combining two groups ✓ What do you notice activities. ✓ Length & Height ✓ Time ✓ Money 	<p>Taught through: Mastering Number, Numberblocks (NCETM planning) and White Rose Maths.</p> <p>White Rose Maths Units: Alive in 5 Growing 6,7,8 Building 9 & 10</p> <ul style="list-style-type: none"> ✓ Number and place value. ✓ Numbers – 5,6,7,8, 9, 10 ✓ Numbers – 9 & 10 ✓ Numberblocks – 5,6,7,8, 9, 10 ✓ 1:1 counting objects - 1-10 ✓ Odd & even numbers ✓ One more, one less ✓ Comparing numbers to 10 ✓ Bonds to 10 ✓ What do you notice activities. ✓ 3D Shapes ✓ Pattern ✓ Time ✓ Money 	<p>Taught through: Mastering Number, Numberblocks (NCETM planning) and White Rose Maths.</p> <p>White Rose Maths Units: To 20 and beyond First, Then, Now</p> <ul style="list-style-type: none"> ✓ Number and place value. ✓ Numbers – 10-20 & beyond ✓ Numberblocks – 10-20 ✓ 1:1 counting objects - 1-10 & beyond ✓ Odd & even numbers ✓ One more, one ✓ Building numbers beyond 10 ✓ Counting patterns beyond 10 ✓ Adding more & taking away ✓ What do you notice activities. ✓ Spatial Reasoning – Match, Rotate, Manipulate ✓ Spatial Reasoning – Compose & Decompose 	<p>Taught through: Mastering Number, Numberblocks (NCETM planning) and White Rose Maths.</p> <p>White Rose Maths Units: Find my Pattern On the Move</p> <ul style="list-style-type: none"> ✓ Investigating and applying numbers 1-20 and beyond. ✓ Numberblocks 1-20 ✓ One more, one less ✓ Odd & Even numbers ✓ Doubling ✓ Sharing & Grouping ✓ Deepening Understanding ✓ Patterns & Relationships ✓ Spatial Reasoning – Visualise & Build ✓ Spatial Reasoning - Mapping
Year 1	NUMBER: Place Value within 10	Number: Addition and Subtraction within 10 GEOMETRY: Shape	NUMBER: Place Value within 20 Addition and subtraction within 20	NUMBER: Place Value within 50 MEASUREMENT: Length and height	MEASUREMENT: Mass and volume Number: Multiplication and division Fractions	GEOMETRY: Position and direction Number: Place value within 100 MEASUREMENT: Money Time
Year 2	NUMBER: Place Value Addition and subtraction	NUMBER: Addition and subtraction <i>Consolidation/review time to commit learning to LTM</i>	Geometry: Shape Measurement: Money Number: Multiplication and division	Number: Multiplication and division	Measurement: Length and height Mass, Capacity and temperature. Number: Fractions	Measurement: Time Statistics: Tally charts, tables, pictograms and block graphs. (Taught through computing) Geometry: Position and direction (Taught through cross curricular work/PE and consolidated).
Year 3	NUMBER: Place Value Addition and subtraction	NUMBER: Addition and subtraction Multiplication and division	NUMBER: Multiplication and division MEASUREMENT: Length and perimeter	NUMBER: Fractions MEASUREMENT: Mass and Capacity	NUMBER: Fractions MEASUREMENTS: Money Time	GEOMETRY: Shape Statistics Interpret pictograms and bar charts <i>*Consolidation time to commit learning to LTM</i>
Year 4	NUMBER: Place Value Addition and subtraction	MEASUREMENT: Area NUMBER: Multiplication and division	NUMBER: Multiplication and division MEASUREMENT: Length and perimeter NUMBER: Fractions	NUMBER: Fractions and Decimals	NUMBER: Decimals MEASUREMENT: Money and Time	GEOMETRY: Shape STATISTICS Interpret charts and graphs Geometry: Position and direction
Year 5	NUMBER: Place Value Addition and subtraction	NUMBER: Multiplication and division Fractions	NUMBER: Multiplication and division Fractions	NUMBER: Decimals and percentages MEASUREMENT: Perimeter and area STATISTICS Interpreting/drawing charts, line graphs, timetables	GEOMETRY: Shape GEOMETRY: Position and direction	NUMBER: Decimals Negative numbers MEASUREMENT: Converting units Volume
Year 6	NUMBER: Place Value Addition and subtraction Multiplication and division	NUMBER: Fractions MEASUREMENT: Converting units	NUMBER: Ratio Algebra Decimals Fractions, decimals and Percentages	MEASUREMENT: Area, perimeter and volume Statistics: Line, dual bar and pie charts. Mean	GEOMETRY: Shape Position and direction <i>*Consolidation of areas of weakness in application of knowledge to problem solve and reason</i>	Application of maths in different contexts <i>*Time to consolidate any learning required to be secondary ready.</i>