



# Glebe Primary School

NURTURE INSPIRE CHALLENGE

Layer Two: Maths Overview						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Year R</b> (Based on WR Overview & Mastering Number)	Opportunities for settling in. Key times of day, class routines. Where do things belong? Positional language. Match and sort. Compare amounts. Compare size, mass, capacity. Explore pattern. <b>Subitise within 3. 1:1 correspondance. Practice using fingers to represent quantities.</b>	Representing/Comparing/Composition of numbers 1,2,3 Circles and triangles. Positional language. Representing numbers to 5. One more and less. Shapes with 4 sides. Time. <b>Subitise within 5. Cardinality of 5</b> <b>Recognise numerals. Explore concept of 'wholes' and 'parts'</b>	Introducing Zero. Comparing numbers to 5. Composition of 4 and 5. Compare mass. Compare capacity. Growing 6,7 and 8 Combining 2 amounts. Making pairs. Length and Height. Time. <b>Continue to represent cardinality from 5 to 10. Order numbers. Recall 'missing' or 'hidden' parts within 5. Verbally count to 20 and beyond.</b>	Building 9 and 10. Counting to 9 and 10. Comparing numbers to 10. Bonds to 10. 3D shapes Spatial awareness. Patterns. <b>Explore symmetrical patterns (link to doubles and 'shape' of odd and even numbers)</b> <b>Continue to explore cardinality in teen numbers. Become more familiar with counting patterns to 20 and beyond</b>	Building numbers beyond 10. Counting patterns beyond 10. Spatial reasoning (1) Match, Rotate, Manipulate. Adding more. Taking away. Spatial reasoning (2) Compose and decompose. <b>Use subitising to expose '1 more' or 'double' patterns</b> <b>When is it best to count or subitise a group? Count from different starting points. Understand position on a numberline related to amount.</b>	Doubling. Sharing and grouping. Even and Odd. Spatial reasoning (3) Visualise and build. Deepening understanding. Patterns and relationships. Spatial reasoning (4) Mapping <b>Explore composition of 10. Count from different starting points to 20 and beyond. Consolidate conceptual understanding through working in a variety of contexts with different numbers.</b>
<b>Year 1</b>	Numbers to 10 Part-whole within 10 Addition and subtraction within 10	Addition and subtraction within 10 2d and 3d shapes Numbers to 20	Addition within 20 Subtraction within 20 Numbers to 50	Numbers to 50 Introducing weight and height Introducing weight and volume	Multiplication Division Halves and quarters Position and direction	Numbers to 100 Time Money
<b>Year 2</b>	Numbers to 100 Addition and subtraction (1) Addition and subtraction (2)	Addition and subtraction (2) Money Multiplication and division	Multiplication and division Statistics Length and height	Properties of shapes Fractions	Position and direction Problem solving and efficient methods Time	Time Weight, volume and temperature Recap previous learning for SATS

<b>Year 3</b>	Place value within 1000 Addition and subtraction (1) Addition and subtraction (2)	Addition and subtraction (2) Multiplication and division	Multiplication and division Money Statistics	Length Fractions	Fractions Time Angles of properties and shapes	Angles of properties and shapes Mass Capacity
<b>Year 4</b>	Place value – 4-digit numbers (1) Place value – 4-digit numbers (2) Addition and subtraction	Addition and subtraction Measure – perimeter Multiplication and division	Multiplication and division Measure -area Fractions	Fractions Decimals	Decimals Money Time	Statistics Geometry – angles of 2d shapes Geometry – position and direction
<b>Year 5</b>	Place value within 100,000 Place Value within 1,000,000 Addition and subtraction	Graphs and tables Multiplication and division Measure – area and perimeter	Multiplication and division Fractions	Fractions Decimals and percentages	Decimals Geometry – properties of shapes	Geometry – properties of shapes Geometry – position and direction Measure – converting units
<b>Year 6</b>	Place value within 10,000,000 Four operations (1) Four operations (2)	Fractions (1) Fractions (2) Geometry – position and direction	Decimals Percentages Algebra	Measure – imperial and metric measures Measure – perimeter, area and volume Ratio and proportion	Geometry – properties of shapes Problem solving	Statistics Recapping previous learning for SATS