

The Gates Primary School Curriculum Overview 2023-2024

Mathematics

	Autumn Term		Spring Term		Summer Term	
All Year Groups:	Children are taught to become fluent in the fundamentals of Mathematics, to reason mathematically and solve problems by applying their mathematical understanding					
N	Baseline assessment Numerical Patterns: Using mathematical language in play, Rote counting, Recognising numbers of Personal significance, Subitise Measurement: Compares size and capacity Space: talks about patterns Shape: shapes in the environment		Numerical Patterns: Counting using 1-1 correspondence beyond 3 , Explore giving 1 more and 1 less up to 3, Subitise, Combine objects to 3, Explore taking away Measurement: Compares size and capacity Space: sorting objects Shape: uses shape appropriately in play		Numerical Patterns: Counting beyond 5, Count objects and actions to 5, Explore 1 more and one less to 5, Comparing more and less, Subitise Combining objects Measurement: compares size Space: repeated patterns, positional language Shape: talk about and explore 2D shapes	
R	Baseline assessment Numerical Patterns: Comparing different amounts Space: Matching and sorting objects Measurement: Comparing Size, Mass & Capacity Space: Exploring Patterns	Numerical Patterns: Representing number to 5, Comparing 1, 2 & 3, Composition of 1, 2 & 3, One More and Less Shape: Circles and Triangle, Shapes with 4 Sides Measurement: Time Space: Positional Language	Numerical Patterns: Introducing Zero, Comparing numbers to 5 then 6, Composition of 4, 5 and 6 Measurement: Comparing Mass, Comparing Capacity	Numerical Patterns: Comparing numbers 7 & 8, Combining 2 amounts, Making Pairs, Counting to 9 & 10, Comparing Numbers to 10, Number bonds to 10. Measurement: Length and Height, Time Shape: 3D shapes Space: Spatial Awareness Patterns	Numerical Patterns: Building Numbers Beyond 10, Counting Patterns Beyond 10, Addition, Subtraction Space: Spatial reasoning Shape: Matching, Rotating and Manipulating Shape	Numerical Patterns: Doubling, Sharing and Grouping, Odd and Even, Consolidation and deepening understanding of patterns and relationships between number Space: Spatial Reasoning, Mapping
	<i>Reception Children will work towards knowing and recalling numbers bonds of each number to and including 10.</i>					
1	Number: Place value within 10 Addition within 10	Addition and subtraction within 10	Number: Place value within 20	Number: Place Value within 50	Number: Multiplication and Division, Fractions	Number: Place value within 100

The Gates Primary School Curriculum Overview 2023-2024

Mathematics

		Geometry: Shape – recognising and sorting 2-D and 3-D shapes Shape patterns	Addition and subtraction within 20	Measurement: Length and Height, Mass and volume	Measurement: Position and direction	Measurement: Money, Time
	<i>Children will work towards being able to confidently recite numbers in a sequence of 2's, 5's and 10's, recall at speed number bonds to 10 and recall doubles and halves to 20.</i>					
2	Number: Place Value, Partitioning numbers to 100 Addition and Subtraction Geometry: Shape	Number: Addition and Subtraction, Multiplication, Fractions Geometry: Shape	Number: Multiplication and Division, Fractions Geometry: Shape	Number: Addition and subtraction, Multiplication and Division Measurement: Money	Number: Fractions Statistics Measurement: Mass, Capacity and Temperature, Position and direction	Number: Multiplication and division Measurement: Time Money Consolidation
	<i>Children will work towards the swift recall of 2, 5, 10 and 3 times tables</i>					
3	Number: Place Value, Addition and Subtraction	Number: Addition and Subtraction, Multiplication and Division	Number: Multiplication and Division Measurement: Length and Perimeter	Number: Fractions, Mass and Capacity	Number: Fractions Measurement: Money, Time	Measurement: Time Geometry: Shape Statistics Consolidation
	<i>Children will work towards the swift recall of number bonds to 20 and 100, doubles to 20 and 50, halves to 40 and 100 and 2, 5, 3, 6, 4, 8 and 9 times tables.</i>					
4	Number: Place value Addition and Subtraction	Number: Addition and subtraction Multiplication and division Measurement: Area	Number: Multiplication and Division Fractions Measurement: Length and Perimeter	Number: Fractions, Decimals	Number: Decimals, Measurement: Money, Time	Number: Consolidation Geometry: Shape, Position and Direction Statistics
	<i>Children will work towards the swift recall of number bonds to 60 and 100, doubles to 50 and halves to 100 and 2, 5, 3, 6, 4, 8, 9, 11, 7, 12 times tables</i>					
5	Number: Place Value	Number: Addition and Subtraction, Multiplication and Division	Number: Multiplication and Division, Fractions, Decimals and Percentages	Number: Decimals and Percentages Measurements: Perimeter and Area	Geometry: Shape, Position and Direction Number: Decimals	Number: Decimals, Negative Numbers

The Gates Primary School Curriculum Overview 2023-2024

Mathematics

				Statistics		Measurement: Converting Units, Volume
	<i>Children will work towards the swift recall of number bonds to 100, doubles to 50, halves to 100, quarters of even numbers to 100, 2-12 times tables and some related division facts</i>					
6	Number: Place Value, Addition and Subtraction, Multiplication and Division	Number: Addition and Subtraction, Multiplication and Division, Fractions Measurement: Converting Units	Ratio Algebra Number: Decimals	Number: Fractions, Decimals and Percentages Measurement: Area, Perimeter and Volume Statistics	Number: Consolidations of Arithmetic Skills Geometry: Shape, Position and Direction	Consolidation and Problem solving
	<i>Children will work towards the swift recall of number bonds to 100, double and halves to 100 (including .5), quarters of numbers to 100, 2-12 times tables and related division facts and percentages of multiples of 10</i>					