



## **Maths Curriculum Overview**

### **Subject Intent**

The intent of our mathematics curriculum is to provide children with a foundation for understanding number, reasoning, thinking logically and problem solving with resilience so that they are fully prepared for the future. It is essential that these keystones of Mathematics are embedded throughout all strands of the National Curriculum. By adopting a mastery approach outlined in Maths No Problem and supported by the use of manipulatives as and when this is needed, it is also intended that all children, regardless of their starting point, will fulfill their academic achievement and leave Byfleet Primary School with an appreciation and enthusiasm for maths, resulting in a lifelong positive relationship with number.



We teach fluency through our 144 Club, where children have the opportunity to master their 12 x 12 and the inverse to earn their 144 Club badges. Each lesson is supplemented with challenges: fluency, problem solving and reasoning. These come from a range of sources (NRich, White Rose, TestBase etc.) We use MNP! (Maths No Problem) to teach our core maths.

# PRIMARY MATHS SERIES – YEAR 1 AT A GLANCE

	AUTUMN TERM	SPRING TERM	SUMMER TERM	
Week 1	<b>Number and Place Value: Numbers to 10</b> <small>LESSON BREAKDOWN</small>	<b>Calculations: Addition and Subtraction within 20</b> <small>LESSON BREAKDOWN</small>	<b>Calculations: Multiplication</b> <small>LESSON BREAKDOWN</small>	
Week 2		<b>Geometry – Properties of Shape: Shapes and Patterns</b> <small>LESSON BREAKDOWN</small>	<b>Calculations: Division</b> <small>LESSON BREAKDOWN</small>	
Week 3	<b>Calculations: Addition and Subtraction</b> <small>LESSON BREAKDOWN</small>	<b>Measurement: Length and Height</b> <small>LESSON BREAKDOWN</small>	<b>Fractions: Fractions</b> <small>LESSON BREAKDOWN</small>	
Week 4		<b>Revision and Mid-year (A) Tests</b>	<b>Number and Place Value: Numbers to 100</b> <small>LESSON BREAKDOWN</small>	
Week 5			<b>Review and Remediation</b>	<b>Measurement: Time</b> <small>LESSON BREAKDOWN</small>
Week 6				<b>Measurement: Money</b> <small>LESSON BREAKDOWN</small>
Week 7		<b>Geometry – Position and Direction: Positions</b> <small>LESSON BREAKDOWN</small>	<b>Number and Place Value: Numbers to 40</b> <small>LESSON BREAKDOWN</small>	<b>Measurement: Volume and Capacity</b> <small>LESSON BREAKDOWN</small>
Week 8				<b>Measurement: Mass</b> <small>LESSON BREAKDOWN</small>
Week 9		<b>Number and Place Value: Numbers to 20</b> <small>LESSON BREAKDOWN</small>	<b>Calculations: Addition and Subtraction</b> <small>LESSON BREAKDOWN</small>	<b>Geometry – Position and Direction: Space</b> <small>LESSON BREAKDOWN</small>
Week 10	<b>Revision and End-of-year (B) Tests</b>			
Week 11		<b>Calculations: Addition and Subtraction within 20</b> <small>LESSON BREAKDOWN</small>	<b>Calculations: Multiplication</b> <small>LESSON BREAKDOWN</small>	<b>Review and Remediation</b>
Week 12				



# PRIMARY MATHS SERIES – YEAR 2 AT A GLANCE

	AUTUMN TERM	SPRING TERM	SUMMER TERM
Week 1	<b>Number and Place Value: Numbers to 100</b> <small>LESSON BREAKDOWN</small>	<b>Statistics: Picture Graphs</b> <small>LESSON BREAKDOWN</small>	<b>Measurement: Time</b> <small>LESSON BREAKDOWN</small>  <b>Measurement: Volume</b> <small>LESSON BREAKDOWN</small>
Week 2		<b>Mid-year (A) Tests and Remediation</b>	
Week 3	<b>Calculations: Addition and Subtraction</b> <small>LESSON BREAKDOWN</small>	<b>Calculations: More Word Problems</b> <small>LESSON BREAKDOWN</small>	
Week 4		<b>Measurement: Money</b> <small>LESSON BREAKDOWN</small>	<b>SATs</b>
Week 5	<b>Calculations: Multiplication of 2, 5 and 10</b> <small>LESSON BREAKDOWN</small>		<b>Geometry – Properties of Shapes: 2-D Shapes</b> <small>LESSON BREAKDOWN</small>
Week 6			
Week 7	<b>Calculations: Multiplication and Division of 2, 5 and 10</b> <small>LESSON BREAKDOWN</small>	<b>Geometry – Properties of Shapes: 3-D Shapes</b> <small>LESSON BREAKDOWN</small>	<b>Revision and End-of-year (B) Tests</b>
Week 8			
Week 9	<b>Measurement: Length</b> <small>LESSON BREAKDOWN</small>	<b>Fractions: Fractions</b> <small>LESSON BREAKDOWN</small>	<b>Review and Revisit Topics</b>
Week 10			
Week 11	<b>Measurement: Mass</b> <small>LESSON BREAKDOWN</small>	<b>Review and Revisit Topics</b>	
Week 12			<b>Measurement: Temperature</b> <small>LESSON BREAKDOWN</small>



# PRIMARY MATHS SERIES – YEAR 3 AT A GLANCE

	AUTUMN TERM	SPRING TERM	SUMMER TERM
Week 1	<b>Number and Place Value: Numbers to 1000</b> LESSON BREAKDOWN	<b>Measurement: Length</b> LESSON BREAKDOWN	<b>Statistics: Picture and Bar Graphs</b> LESSON BREAKDOWN
Week 2			<b>Fractions, Decimals and Percentages: Fractions</b> LESSON BREAKDOWN
Week 3	<b>Measurement: Mass</b> LESSON BREAKDOWN		
Week 4	<b>Calculations: Addition and Subtraction</b> LESSON BREAKDOWN	<b>Measurement: Volume</b> LESSON BREAKDOWN	
Week 5			
Week 6	<b>Mid-year (A) Tests and Remediation</b>		
Week 7	<b>Calculations: Multiplication and Division</b> LESSON BREAKDOWN	<b>Measurement: Money</b> LESSON BREAKDOWN	<b>Geometry – Properties of Shapes: Angles</b> LESSON BREAKDOWN
Week 8			
Week 9		<b>Geometry – Properties of Shapes: Lines and Shapes</b> LESSON BREAKDOWN	
Week 10	<b>Calculations: Further Multiplication and Division</b> LESSON BREAKDOWN	<b>Measurement: Time</b> LESSON BREAKDOWN	<b>Measurement: Perimeter of Figures</b> LESSON BREAKDOWN
Week 11			
Week 12			<b>End-of-year (B) Tests and Remediation</b>



# PRIMARY MATHS SERIES – YEAR 4 AT A GLANCE

	AUTUMN TERM	SPRING TERM	SUMMER TERM	
Week 1	<b>Number and Place Value: Numbers to 10 000</b> <small>LESSON BREAKDOWN</small>	<b>Calculations: Further Multiplication and Division</b> <small>LESSON BREAKDOWN</small>	<b>Measurement: Money</b> <small>LESSON BREAKDOWN</small>	
Week 2				
Week 3				
Week 4	<b>Calculations: Addition and Subtraction within 10 000</b> <small>LESSON BREAKDOWN</small>	<b>Statistics: Graphs</b> <small>LESSON BREAKDOWN</small>	<b>Measurement: Mass, Volume and Length</b> <small>LESSON BREAKDOWN</small>	
Week 5				
Week 6		<b>Fractions, Decimals and Percentages: Fractions</b> <small>LESSON BREAKDOWN</small>	<b>Measurement: Area of Figures</b> <small>LESSON BREAKDOWN</small>	
Week 7				
Week 8				
Week 9		<b>Calculations: Multiplication and Division</b> <small>LESSON BREAKDOWN</small>	<b>Measurement: Time</b> <small>LESSON BREAKDOWN</small>	<b>Geometry – Properties of Shapes: Geometry</b> <small>LESSON BREAKDOWN</small>
Week 10			<b>Mid-year (A) Tests and Remediation</b>	
Week 11	<b>Fractions, Decimals and Percentages: Decimals</b> <small>LESSON BREAKDOWN</small>		<b>Geometry – Position and Direction: Position and Movement</b> <small>LESSON BREAKDOWN</small>	
Week 12			<b>Calculations: Further Multiplication and Division</b> <small>LESSON BREAKDOWN</small>	<b>Number and Place Value: Roman Numerals</b> <small>LESSON BREAKDOWN</small>
			<b>End-of-year (B) Tests and Remediation</b>	



# PRIMARY MATHS SERIES – YEAR 5 AT A GLANCE

	AUTUMN TERM	SPRING TERM	SUMMER TERM
Week 1	<b>Number and Place Value: Numbers to 1 000 000</b> LESSON BREAKDOWN	<b>Fractions, Decimals and Percentages: Fractions</b> LESSON BREAKDOWN	<b>Geometry – Position and Direction: Position and Movement</b> LESSON BREAKDOWN
Week 2			<b>Measurement: Measurements</b> LESSON BREAKDOWN
Week 3			
Week 4	<b>Calculations: Addition and Subtraction</b> LESSON BREAKDOWN	<b>Mid-year (A) Tests and Remediation</b>	
Week 5			
Week 6	<b>Calculations: Multiplication and Division</b> LESSON BREAKDOWN	<b>Fractions, Decimals and Percentages: Decimals</b> LESSON BREAKDOWN	<b>Measurement: Area and Perimeter</b> LESSON BREAKDOWN
Week 7			
Week 8		<b>Fractions, Decimals and Percentages: Percentage</b> LESSON BREAKDOWN	<b>Measurement: Volume</b> LESSON BREAKDOWN
Week 9			
Week 10	<b>Calculations: Word Problems</b> LESSON BREAKDOWN	<b>Geometry – Properties of Shapes: Geometry</b> LESSON BREAKDOWN	<b>Number and Place Value: Roman Numerals</b> LESSON BREAKDOWN
Week 11	<b>Statistics: Graphs</b> LESSON BREAKDOWN		<b>Review and Revision</b>
Week 12			<b>End-of-year (B) Tests and Remediation</b>



# PRIMARY MATHS SERIES – YEAR 6 AT A GLANCE

	AUTUMN TERM	SPRING TERM	SUMMER TERM
<b>Week 1</b>	<b>Number and Place Value: Numbers to 10 Million</b> LESSON BREAKDOWN	<b>Measurement: Measurements</b> LESSON BREAKDOWN	<b>Statistics: Graphs and Averages</b> LESSON BREAKDOWN
<b>Week 2</b>	<b>Calculations: Four Operations on Whole Numbers</b> LESSON BREAKDOWN	<b>Word Problems</b> LESSON BREAKDOWN	
<b>Week 3</b>		<b>Mid-year (A) Tests and Remediation</b>	<b>Number and Place Value: Negative Numbers</b> LESSON BREAKDOWN
<b>Week 4</b>		<b>Fractions, Decimals and Percentages: Percentage</b> LESSON BREAKDOWN	<b>SATs</b>
<b>Week 5</b>		<b>Ratio and Proportion: Ratio</b> LESSON BREAKDOWN	<b>Measurement: Volume</b> LESSON BREAKDOWN
<b>Week 6</b>		<b>Fractions, Decimals and Percentages: Fractions</b> LESSON BREAKDOWN	<b>Algebra: Algebra</b> LESSON BREAKDOWN
<b>Week 7</b>	<b>Geometry – Position and Direction: Position and Movement</b> LESSON BREAKDOWN		
<b>Week 8</b>	<b>Fractions, Decimals and Percentages: Decimals</b> LESSON BREAKDOWN		<b>Measurement: Area and Perimeter</b> LESSON BREAKDOWN
<b>Week 9</b>		<b>Revisit Topics</b>	
<b>Week 10</b>		<b>Geometry – Properties and Shapes: Geometry</b> LESSON BREAKDOWN	
<b>Week 11</b>		<b>Measurement: Measurements</b> LESSON BREAKDOWN	<b>Geometry – Position and Direction: Position and Movement</b> LESSON BREAKDOWN
<b>Week 12</b>			