



Maths Long Term Plan



At Milton Road Primary School, Maths is taught in a mastery approach, supported by the Mastery Scheme: Maths – No Problem!

Why this lesson at this time?

Each lesson is carefully sequenced to ensure that learning builds upon prior knowledge and introduces variation, representation and structure in order to maximise children's learning and understanding. Lessons are planned coherently, underpinning Rosenshine's Principles of Instruction, to introduce new material in small steps, with appropriate scaffolds. In addition to the maths lesson, each class has regular short retrieval fluency sessions, using four-a-day maths.

EYFS

In EYFS (reception), the daily maths activities are made up of whole class teaching, small group teaching, group practice and independent discovery through continuous provision, following the framework of Maths No Problem Foundations.

Key Stage One and Two

The maths curriculum in Key Stage One and Two is taught in a Mastery approach in conjunction with Maths No Problem and supported using White Rose Maths.

Reception

	Autumn	Spring	Summer
Week 1	Welcome to School and Reception Baseline	Number and Pattern: Counting	Number and Pattern: Counting On to Add
Week 2		Number and Pattern: Counting and Ordering	Number and Pattern: Counting Forwards and Backwards
Week 3		Number and Pattern: Counting	Number and Pattern: Counting to 20
Week 4	Number and Pattern: Matching	Number and Pattern: Addition	Number and Pattern: Doubling
Week 5	Number and Pattern: Sorting	Number and Pattern: Comparing and Ordering	Number and Pattern: Halving and Sharing
Week 6	Shape Space and Measure: Comparing and Ordering	Number and Pattern: Counting	Number and Pattern: Odds and Evens
Week 7	Number and Pattern: AB Patterns		Shape, Space and Measure: Mass
Week 8	Number and Pattern: Counting	Number and Pattern: Patterns	Shape, Space and Measure: Volume and Capacity
Week 9	Shape, Space and Measure: Time	Shape, Space and Measure: Measuring lengths and heights	Shape, Space and Measure: Money
Week 10	Number and Pattern: Composition of Numbers up to Five	Shape, Space and Measure: Capacity - developing language	Number and Pattern: Data
Week 11	Shape, Space and Measure: 2D Shapes	Shape, Space and Measure: 2D Shapes	Number and Pattern, Shape, Space and Measure: Revision of all aspects
Week 12	Shape, Space and Measure: Positional Language	Shape, Space and Measure: 3D Shapes	Number and Pattern: Word Problems

Year 1:

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

Year 2:

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

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

Year 4:

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

Year 5:

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

Year 6:

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