Maths Overview

EYFS – Year 5 to plan and teach lessons using the Maths Mastery Scheme. Year 6 to plan and teach using White Rose.

Long Lawford Primary School
Love, Learn, Persevere and Succeed

	Autumn term		Spring term		Summer term	
EYFS – FS1	• Can say when they have lots or more than someone else. • Can complete a simple insert jigsaw. • Says some numerals. • Interested in sorting objects (colour, type or size). • Describes an object by its size, shape or colour.	• Make comparisons between objects relating to size, length, weight and capacity. • Select shapes appropriately: flat surfaces for building, a triangular prism for a roof etc. • Combine shapes to make new ones – an arch, a bigger triangle etc.	• Extend and create ABAB patterns – stick, leaf, stick, leaf. • Notice and correct an error in a repeating pattern. • Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then.'		• Develop fast recognition of up to 3 objects, without having to count them individually ('subsidising'). • Recite numbers past 5. • Say one number for each item in order: 1,2,3,4,5. • Know that the last number reached when counting a small set of objects tells you how many there are in total ('cardinal principle'). • Show 'finger numbers' up to 5. • Link numerals and amounts: for example, showing the right number of objects to match the numeral, up to 5. • Experiment with their own symbols and marks as well as numerals. • Solve real world mathematical problems with numbers up to 5. • Compare quantities using language: 'more than', 'fewer than'. • Discuss routes and locations, using words like 'in front of' and 'behind'. • Talk about and identify the patterns around them	
EYFS – FS2	• Unit 1: Early Mathematical experiences • Unit 2: Pattern and Early Number	• Unit 3: Numbers within 6 • Unit 4: Addition and subtraction within 6 • Unit 5: Measures • Unit 6: Shape and sorting	• Unit 7: Numbers within 10 • Unit 8: Calendar and time • Unit 9: Addition and subtraction within 10 • Unit 10: Grouping and Sharing	• Unit 11: Number patterns within 15 • Unit 12: Doubling and halving • Unit 13: Shape and pattern	• Unit 14: Securing addition and subtraction facts • Unit 15: Number patterns within 20 • Unit 16: Number	• Unit 17: Money • Unit 18: Measures • Unit 19: Exploration of patterns within number

					patterns beyond 20	
Year 1	• Unit 1: Numbers to 10 • Unit 2: Addition and subtraction within 10 • Unit 3: Shape and patterns	• Unit 4: Numbers to 20 • Unit 5: Addition and subtraction within 20	• Unit 6: Time • Unit 7: Exploring calculation strategies within 20 • Unit 8: Numbers to 50	• Unit 9: Addition and subtraction within 20 (comparison) • Unit 10: Fractions • Unit 11: Measures (1): Length and mass	• Unit 12: Numbers 50 to 100 and beyond • Unit 13: Addition and subtraction (applying strategies) • Unit 14: Money	• Unit 15: Multiplication and division • Unit 16: Measures (2): Capacity and volume
Year 2	• Unit 1: Numbers within 100 • Unit 2: Addition and subtraction of 2-digit numbers • Unit 3: Addition and subtraction word problems	• Unit 4: Measures: Length • Unit 5: Graphs • Unit 6: Multiplication and division	• Unit 7: Time • Unit 8: Fractions • Unit 9: Addition and subtraction of 2-digit numbers (regrouping and adjusting)	• Unit 10: Money • Unit 11: Faces, shapes and patterns; lines and turns	• Unit12: Numbers within 1000 • Unit 13: Measures: Capacity and volume • Unit 14: Measures: Mass	• Unit 15: Exploring calculation strategies • Unit 16: Applying multiplicative thinking
Year 3	• Unit 1: Number sense and exploring calculation strategies • Unit 2: Place Value • Unit 3: Graphs	• Unit 4: Addition and subtraction • Unit 5: Length and perimeter	• Unit 6: Multiplication and division • Unit 7: Calculating with multiplication and division	• Unit 8: Time • Unit 9: Fractions	• Unit 10: Angles and Shape • Unit 11: Measures	• Unit 12: Applying multiplicative thinking • Unit 13: Exploring calculation strategies and place value
Year 4	• Unit 1: Reasoning with 4-digit numbers • Unit 2: Addition and subtraction • Unit 3: Multiplication and division	• Unit 3: Multiplication and division • Unit 4: Interpreting and presenting data	• Unit 5: Calculating with multiplication and division • Unit 6: Fractions • Unit 7: Time	• Unit 8: Decimals • Unit 9: Area and perimeter	• Unit 10: Solving measure and money problems • Unit 11: 2-D Shape and Symmetry	• Unit 12: Position and Direction • Unit 13: Reasoning with patterns and sequences • Unit 14: 3D Shape

Year 5	• Unit 1: Reasoning with large whole numbers • Unit 2: Problem solving with integer addition and subtraction • Unit 3: Line graphs and timetables	• Unit 4: Multiplication and division • Unit 5: Perimeter and area	• Unit 6: Fractions and decimals • Unit 7: Angles	• Unit 8: Fractions and percentages • Unit 9: Transformations	• Unit 10: Converting units of measure • Unit 11: Calculating with whole numbers and decimals	• Unit 12: 2-D and 3-D shape • Unit 13: Volume • Unit 14: Problem solving
Year 6	• Place value. • Four operations. • Fractions, decimals and percentages. • Multiplying and dividing by 10, 100 and 1000. • Factors and multiples. • Square/cube numbers. • Problem solving and reasoning linked to topics above.	• Quadrilaterals. • Triangles. • Angles. • Perimeter. • Algebra. • Angles. • Arithmetic-four operations, percentages, fractions. • Problem solving and reasoning linked to topics above.	• Pie charts. • Use of protractors. • Calculating the mean as an average. • Calculating the range. • Time. • Timetables. • Roman numerals • Arithmetic. • Ratio and proportion. • Scale Factor • Problem solving and reasoning linked to topics above.	• Geometry. • Conversion of units of measurement. • Length. • Capacity. • Mass. • Volume. • Area – quadrilateral. • Area – triangles. • Problem solving and reasoning linked to topics above. • Recap areas highlighted through assessment	• Venn diagrams. • Carroll diagrams. • Line graphs. • Pictograms. • Co-ordinates. • Position and direction. • Reflection. • Translation. • Rotation. • Arithmetic. • Recap areas highlighted through assessment • Problem solving and reasoning linked to topics above.	• Post SATs investigation projects • KS3 preparation-link with secondary school curriculum. • Arithmetic.