



St. John Fisher

Catholic Nursery & Primary School

Mathematics Long Term Plan Power Maths (WRM)

Year Group	Autumn	Spring	Summer 2
Nursery	<p>Begin to compare quantities ... group, lots, more, same, less</p> <p>Begin to copy and talk about a pattern – ABAB</p> <p>Begin to recite numbers to 5 in correct order</p> <p>Begin to say one number for each item to 3</p> <p>Begin to select shapes for appropriate tasks</p> <p>Begin to talk about shapes round, pointy, spotty, stripy</p> <p>Begin to understand the language of time within the daily routine ... next, later, after</p>	<p>Sort and match objects accordingly e.g. size / shape</p> <p>Continue and talk about a pattern – ABAB</p> <p>Recite numbers to 5 continued string</p> <p>Use fingers to represent numbers with increasing accuracy</p> <p>Begin to compare quantities using ... more than / fewer than</p> <p>Begin to count up to sets of 5 objects (1:1 correspondence)</p> <p>Begin to represent numbers with marks</p> <p>Begin to select specific shapes with purpose</p> <p>Begin to combine shapes to make new ones</p> <p>Make comparisons between objects using appropriate vocabulary</p> <p>Begin to use some language of time within the daily routine</p> <p>Begin to describe a sequence of events ... first, next</p>	<p>Extend and create ABAB patterns and begin to spot and correct a mistake</p> <p>Recite numbers past 5 and begin to start counting from a different number</p> <p>Count backwards from 5 and show ‘finger numbers’ up to 5.</p> <p>Fast recognition of up to 3 objects – subitising and recognise when a number is ‘not three’</p> <p>Say one number for each item in order: 1,2,3,4, and link numerals and amounts up to 5</p> <p>Experiment with own symbols and marks as well as numerals</p> <p>Talk about made marks and ascribe meaning</p> <p>Solve real world mathematical problems with numbers up to 5</p> <p>Compare quantities using language: ‘more than’, ‘fewer than’</p> <p>Talk about 2D shapes using some correct vocabulary</p> <p>Explore 3D shapes and begin to talk about some of their properties</p> <p>Understand and use positional language</p> <p>Make comparisons between objects relating to size, length, weight and capacity ... heavy / light / heavier / lighter</p>



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Reception	Unit 1: Numbers to 5 (3 weeks) Unit 2: Comparing groups within 5 (2 weeks) Unit 3: Shape (2 weeks) Unit 4: Change within 5 (2 weeks) Unit 5: Number bonds within 5 (1 week) Unit 6: Space (1 week)	Unit 7: Numbers to 10 (2 weeks) Unit 8: Comparing numbers within 10 (1 week) Unit 9: Addition to 10 (1 week) Unit 10: Measure (2 weeks) Unit 11: Number bonds to 10 (2 weeks) Unit 12: Subtraction (1 week) Unit 13: Exploring patterns (2 weeks)	Unit 14: Counting on and counting back (2 weeks) Unit 15: Numbers to 20 (1 week) Unit 16: Numerical patterns (3 weeks) Unit 17: Shape (1 week) Unit 18: Measure (1 week) Unit 19: Sorting (1 week) Unit 20: Time (1 week)
Year 1	Unit 1: Numbers to 10 (14 lessons) Unit 2: Part-whole within 10 (7 lessons) Unit 3: Addition within 10 (4 lessons) Unit 4: Subtraction within 10 (8 lessons) Unit 5: 2D and 3D shapes (5 lessons)	Unit 6: Numbers to 20 (12 lessons) Unit 7: Addition and subtraction within 20 (11 lessons) Unit 8: Numbers to 50 (7 lessons) Unit 9: Introducing length and height (4 lessons) Unit 10: Introducing weight and volume (7 lessons)	Unit 11: Multiplication and division (9 lessons) Unit 12: Halves and quarters (4 lessons) Unit 13: Position and direction (5 lessons) Unit 14: Numbers to 100 (6 lessons) Unit 15: Money (3 lessons) Unit 16: Time (5 lessons)
Year 2	Unit 1: Numbers to 100 (17 lessons) Unit 2: Addition and subtraction (1) (13 lessons) Unit 3: Addition and subtraction (2) (12 lessons)	Unit 5: Money (10 lessons) Unit 6: Multiplication and division (1) (8 lessons) Unit 7: Multiplication and division (2) (10 lessons)	Unit 10: Statistics (7 lessons) Unit 11: Fractions (12 lessons) Unit 12: Position and direction (5 lessons)



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	Unit 4: Properties of shapes (12 lessons)	Unit 8: Length and height (5 lessons) Unit 9: Mass, capacity and temperature (8 lessons)	Unit 13: Time (5 lessons) Unit 14: Problem solving (11 lessons)
Year 3	Unit 1: Place value within 1,000 (13 lessons) Unit 2: Addition and subtraction (1) (10 lessons) Unit 3: Addition and subtraction (2) (13 lessons) Unit 4: Multiplication and division (1) (5 lessons) Unit 5: Multiplication and division (2) (13 lessons)	Unit 6: Multiplication and division (3) (13 lessons) Unit 7: Length and perimeter (11 lessons) Unit 8: Fractions (1) (10 lessons) Unit 9: Mass (7 lessons) Unit 10: Capacity (6 lessons)	Unit 11: Fractions (2) (8 lessons) Unit 12: Money (5 lessons) Unit 13: Time (12 lessons) Unit 14: Angles and properties of shapes (9 lessons) Unit 15: Statistics (7 lessons)
Year 4	Unit 1: Place value – 4-digit numbers (1) (8 lessons) Unit 2: Place value – 4-digit numbers (2) (8 lessons) Unit 3: Addition and subtraction (16 lessons) Unit 4: Area (5 lessons) Unit 5: Multiplication and division (1) (12 lessons)	Unit 6: Multiplication and division (2) (16 lessons) Unit 7: Perimeter (6 lessons) Unit 8: Fractions (1) (9 lessons) Unit 9: Fractions (2) (8 lessons) Unit 10: Decimals (1) (12 lessons)	Unit 11: Decimals (2) (7 lessons) Unit 12: Money (6 lessons) Unit 13: Time (5 lessons) Unit 14: Geometry – angles and 2D shapes (8 lessons) Unit 15: Statistics (6 lessons) Unit 16: Position and direction (6 lessons)
Year 5	Unit 1: Place value within 1,000,000 (1) (8 lessons)	Unit 7: Multiplication and division (2) (10 lessons)	Unit 12: Geometry – properties of shapes (12 lessons)



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	Unit 2: Place value within 1,000,000 (2) (6 lessons) Unit 3: Addition and subtraction (12 lessons) Unit 4: Multiplication and division (1) (10 lessons) Unit 5: Fractions (1) (8 lessons) Unit 6: Fractions (2) (11 lessons)	Unit 8: Fractions (3) (7 lessons) Unit 9: Decimals and percentages (15 lessons) Unit 10: Measure – perimeter and area (8 lessons) Unit 11: Graphs and tables (6 lessons)	Unit 13: Geometry – position and direction (6 lessons) Unit 14: Decimals (15 lessons) Unit 15: Negative numbers (4 lessons) Unit 16: Measure – converting units (10 lessons) Unit 17: Measure – volume and capacity (3 lessons)
Year 6	Unit 1: Place value within 10,000,000 (8 lessons) Unit 2: Four operations (1) (8 lessons) Unit 3: Four operations (2) (12 lessons) Unit 4: Fractions (1) (9 lessons) Unit 5: Fractions (2) (9 lessons) Unit 6: Imperial and metric (5 lessons)	Unit 7: Ratio and proportion (9 lessons) Unit 8: Algebra (11 lessons) Unit 9: Decimals (9 lessons) Unit 10: Percentages (8 lessons) Unit 11: Measure – perimeter, area and volume (11 lessons)	Unit 12: Statistics (11 lessons) Unit 13: Geometry – properties of shape (12 lessons) Unit 14: Position and direction (5 lessons) Unit 15: Problem solving (14 lessons)