

Curriculum: Mathematics

EYFS

TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
Mastering Number Weeks 1- 10 Number and Numerical Pattern - • identify when a set can be subitised and when counting is needed • subitise different arrangements, both unstructured and structured • make different arrangements of numbers within 5 and talk about what they can see, to develop their conceptual subitising skills • spot smaller numbers 'hiding' inside larger numbers • connect quantities and numbers to finger patterns and explore different ways of representing numbers on their fingers • hear and join in with the counting, sequence, and connect this to the 'staircase' pattern of the counting numbers, seeing that each number is made of one more than the previous number • develop counting skills and knowledge, including: that the last number in the count tells us 'how many' (cardinality); to be accurate in counting, each thing must be counted once and once only and in any order; the need for 1:1 correspondence; understanding that anything can be counted, including actions and sounds • compare sets of objects by matching • begin to develop the language of 'whole' when talking about objects which have parts Measure Shape and Spatial – Patterns, Mass and Size, Circles and triangles/Positional Language, Shapes with 4 Sides/Time	Mastering Number Weeks 11- 20 Number and Numerical Pattern - • continue to develop their subitising skills for numbers within and beyond 5, and increasingly connect quantities to numerals • begin to identify missing parts for numbers within 5 • explore the structure of the numbers 6 and 7 as '5 and a bit' and connect this to finger patterns and the Hungarian number frame • focus on equal and unequal groups when comparing numbers understand that two equal groups can be called a 'double' and connect this to finger patterns • sort odd and even numbers according to their 'shape' • continue to develop their understanding of the counting sequence and link cardinality and ordinality through the 'staircase' pattern • order numbers and play track games • join in with verbal counts beyond 20, hearing the repeated pattern within the counting numbers Measure Shape and Spatial – Comparing mass and capacity, Length, Height and Time, 3D shapes and patterns	Mastering Number Weeks 21- 26 and review weeks Number and Numerical Pattern - • continue to develop their counting skills, counting larger sets as well as counting actions and sounds • explore a range of representations of numbers, including the 10-frame, and see how doubles can be arranged in a 10-frame • compare quantities and numbers, including sets of objects which have different attributes • continue to develop a sense of magnitude, e.g. knowing that 8 is quite a lot more than 2, but 4 is only a little bit more than 2 • begin to generalise about 'one more than' and 'one less than' numbers within 10 • continue to identify when sets can be subitised and when counting is necessary • develop conceptual subitising skills including when using a rekenrek	Measure Shape and Spatial – Spatial Reasoning, Match, Rotate and Manipulate, Compose and Decompose Visualise and Build, Mapping		



YEAR 1

TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
Number – Place Value (Within 10), Addition and Subtraction (Within 10) Geometry - Shape Problem Solving Foci : Visualising, Reasoning Logically and Working Backwards	Number – Place Value (within 20), Addition and Subtraction (within 20), Place Value (within 50) Measurement – Length and Height, Mass and Volume Problem Solving Foci : Conjecturing, Working systematically, Looking for Patterns, Trials and Improvement	Number – Multiplication and Division, Fractions, Place Value (within 100) Geometry – Position and Direction Measurement – Money and Time Problem Solving Foci : Visualising, Reasoning Logically, Working Systematically and Looking for Patterns.			



YEAR 2

TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
Number – Place Value, Addition and Subtraction Geometry – Shape Problem Solving Foci : Visualising, Reasoning Logically and Working Backwards	Number – Multiplication and Division Measurement – Money, Length and Height and Mass, Capacity and Temperature Problem Solving Foci : Conjecturing, Working systematically, Looking for Patterns, Trials and Improvement	Number – Fractions Measurements – Time Geometry – Position and Direction Problem Solving Foci : Visualising, Reasoning Logically, Working Systematically and Looking for Patterns.			



YEAR 3

TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
Number – Place Value, Addition and Subtraction, Multiplication and Division Problem Solving Foci : Visualising, Reasoning Logically and Working Backwards	Number – Multiplication and Division, Fractions Measurement – Length and Perimeter, Mass and Capacity Problem Solving Foci : Conjecturing, Working systematically, Looking for Patterns, Trials and Improvement	Number – Fractions Measurements – Money, Time Geometry – Shape Problem Solving Foci : Visualising, Reasoning Logically, Working Systematically and Looking for Patterns.			



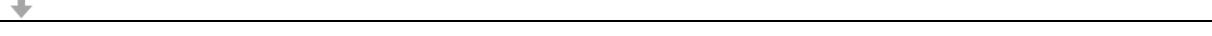
YEAR 4

TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
Number – Place Value, Addition and Subtraction, Multiplication and Division Measurement – Area Problem Solving Foci : Visualising, Reasoning Logically and Working Backwards	Number – Multiplication and Division, Fractions, Decimals Measurement – Length and Perimeter Problem Solving Foci : Conjecturing, Working systematically, Looking for Patterns, Trials and Improvement	Number – Decimals Measurements – Money, Time Geometry – Shape, Position and Direction Problem Solving Foci : Conjecturing, Working systematically, Looking for Patterns, Trials and Improvement			



YEAR 5

TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
Number – Place Value, Addition and Subtraction, Multiplication and Division, Fractions Problem Solving Foci : Visualising, Reasoning Logically and Working Backwards	Number – Multiplication and Division, Fractions, Decimals and Percentages Measurement – Statistics Geometry – Perimeter and Area Problem Solving Foci : Conjecturing, Working systematically, Looking for Patterns, Trials and Improvement	Shape – Position and Direction Number – Decimals, Negative Numbers Measurements – Converting Units and Volume Problem Solving Foci : Conjecturing, Working systematically, Looking for Patterns, Trials and Improvement			



YEAR 6

TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
Number – Place Value, 4 Operations, Fractions Measurements – Converting Units Problem Solving Foci: Visualising, Reasoning Logically and Working Backwards	Number – Ratio, Algebra, Decimals, Fractions, Decimals and Percentages Measurements – Area, Perimeter and Volume Geometry – Statistics Problem Solving Foci: Conjecturing, Working systematically, Looking for Patterns, Trials and Improvement	Shape – Position and Direction Assessments Themed Projects Problem Solving Foci: Conjecturing, Working systematically, Looking for Patterns, Trials and Improvement			