

Early Years Foundation Stage

	Stages 2/3/4		Stages 5/6/7	
<p>Terrible for Twos, Nursery and Reception</p> <p>See Medium Term Planning for more detail</p>	Number <ul style="list-style-type: none"> Fast recognition of up to 3 objects, without having to count them individually ('subitising'). Recite numbers past 5. Show 'finger numbers' up to 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. 	Numerical Patterns <ul style="list-style-type: none"> Compare quantities using language Talk about and explore 2D and 3D shapes Understand position through words alone Describe a familiar route. Discuss routes and locations, Make comparisons between objects relating to size, length, weight and capacity Select shapes appropriately Combine shapes to make new ones Talk about and identify the patterns around them Extend and create ABAB patterns Notice and correct an error in a repeating pattern. Begin to describe a sequence of events 	Number <ul style="list-style-type: none"> Count objects, actions and sounds. Subitise. Link the number symbol (numeral) with it cardinal. Number value Count beyond ten. Compare numbers Understand the 'one more than/one less than' relationship between consecutive numbers. Explore the composition of numbers to 10. 	Numerical Patterns <ul style="list-style-type: none"> Automatically recall number bonds for numbers 0-10. Select, rotate and manipulate shapes in order to develop spatial reasoning skills. Compose and decompose shapes so that children recognise a shape can have other shapes within it, just as numbers can Continue, copy and create repeating patterns Compare length, weight and capacity.

Early Learning Goals

Number	Numerical Patterns
<ul style="list-style-type: none"> Have a deep understanding of number to 10, including the composition of each number. Subitise (recognise quantities without counting) up to 5. Automatically recall (without reference to rhymes, counting or other aids) number bonds up to 5 (including subtraction facts) and some number bonds to 10, including double facts. 	<ul style="list-style-type: none"> Verbally count beyond 20, recognising the pattern of the counting system. Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity. Explore and represent patterns within numbers up to 10, including evens and odds, double facts and how quantities can be distributed equally

Year	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1	<ul style="list-style-type: none"> Initial Assessments and Transition Number and Place Value Addition and Subtraction Geometry – Properties of Shapes 	<ul style="list-style-type: none"> Addition and Subtraction Measurement – Length Measurement – Time Number and Place Value 	<ul style="list-style-type: none"> Number and Place Value Addition and Subtraction Measurements – Mass/Weight Measurement – money Multiplication and Division Geometry – Properties of 3D Shapes 	<ul style="list-style-type: none"> Geometry – Position and Direction Multiplication and Division Fractions Measurement – Time Addition and Subtraction 	<ul style="list-style-type: none"> Measurement – Capacity Measurement – Money Geometry – Properties of Shape Number and Place Value Addition and Subtraction 	<ul style="list-style-type: none"> Multiplication and Division Fractions Revise and Consolidate
2	<ul style="list-style-type: none"> Number and Place Value Addition and Subtraction Geometry – Properties of Shapes 	<ul style="list-style-type: none"> Geometry – Position and Direction Statistics – Block Diagram Addition and Subtraction Measurement – Length/Mass 	<ul style="list-style-type: none"> Number and Place Value Multiplication and Division Fractions Measurement – Time Measurement – Money 	<ul style="list-style-type: none"> Measurement – Capacity and temperature Measurement – Length/Mass Geometry – Properties of Shape Geometry – Position and Direction Statistics – Tables and Pictograms Multiplication and Division 	<ul style="list-style-type: none"> Addition and Subtraction Measurement – Money Fractions SATs Preparation – Revise and Consolidate 	<ul style="list-style-type: none"> Revise and Consolidate Post SATs <ul style="list-style-type: none"> Revise and Consolidate Problem Solving Investigations
3	<ul style="list-style-type: none"> Place Value Geometry – Properties of Shapes Addition and Subtraction Measurement – Perimeter Addition and Subtraction (Formal Methods) 	<ul style="list-style-type: none"> Statistics – Bar Charts Place Value Addition and Subtraction Geometry – Symmetry Addition and Subtraction Geometry and Shape – 3D Shapes/Angles 	<ul style="list-style-type: none"> Place Value Multiplication and Division Addition and Subtraction Measurement – Mass/ Volume Multiplication and Division 	<ul style="list-style-type: none"> Fractions Addition and Subtraction Measurement – Time Fractions 	<ul style="list-style-type: none"> Measurement – Money Measurement – Time Multiplication and Division Measurement – Mass/ Volume Addition and Subtraction 	<ul style="list-style-type: none"> Geometry – Properties of Shapes Statistics – Pictograms and Tables Measurement – Time Measurement – Perimeter Revise and Consolidate
4	<ul style="list-style-type: none"> Place Value Rounding and Negative Numbers Addition and Subtraction Measurement – Perimeter Geometry – Properties of shape 	<ul style="list-style-type: none"> Measurement – Time Statistics – Bar charts Addition and Subtraction Multiplication and Division Measurement – Area 	<ul style="list-style-type: none"> Place Value Addition, Subtraction, Multiplication and Division Measurement – Length Shape and Geometry – 2D Shapes and Symmetry Fractions 	<ul style="list-style-type: none"> Multiplication and Division Place Value Decimals Geometry and Shape – Angles Statistics – Time Graphs 	<ul style="list-style-type: none"> Measurement – Time Measurement – Money Geometry – Plotting and Translation 	<ul style="list-style-type: none"> Fractions and Decimals Multiplication and Division Addition and Subtraction Geometry – Properties of 2D Shapes and Symmetry Revise and Consolidate

5	<ul style="list-style-type: none"> • Number and Place Value • Addition and Subtraction • Geometry – Properties of Shape • Multiplication and Division • Addition and Subtraction • Measurement – Time 	<ul style="list-style-type: none"> • Measurement – Length, Mass and Volume • Multiplication and Division • Fractions • Place Value – Decimal/ Percentages 	<ul style="list-style-type: none"> • Number and Place Value • Addition, Subtraction, Multiplication and Division • Fractions • Measurement – Perimeter • Measurement – Area 	<ul style="list-style-type: none"> • Geometry – Properties of Shapes – Angles • Measurement – Volume • Fractions • Division • Geometry – Properties of Shapes 	<ul style="list-style-type: none"> • Number and Place Value – Decimals • Addition and Subtraction – Money • Multiplication and Division – Money • Fractions and Percentages • Statistics 	<ul style="list-style-type: none"> • Measurement • Revise and Consolidate
6	<ul style="list-style-type: none"> • Number and Place Value • Addition and Subtraction • Multiplication and Division • Fractions • Percentages • Ratio & Proportion • Geometry – Properties of 2D & 3D Shapes • Number and Place Value 	<ul style="list-style-type: none"> • Measurement (time, length, mass and volume) • Statistics (Pie charts and line graphs and mean) • Measurement • Geometry – Properties of Shapes including Angles • Addition, Subtraction, Multiplication and Division 	<ul style="list-style-type: none"> • Number and Place Value • Algebra • Addition, Subtraction, Multiplication and Division • Fractions • Geometry – Position and Direction • Geometry – Properties of Shape – Angles 	<ul style="list-style-type: none"> • Number and Place Value • Algebra • Addition, Subtraction, Multiplication and Division • Fractions • Geometry – Properties of Shape • Measurement – Area and Volume • Fractions • Ratio & Proportion 	<ul style="list-style-type: none"> • SATS Revision – Revise and Consolidate 	<ul style="list-style-type: none"> • Post SATs <ul style="list-style-type: none"> ○ Revise and Consolidate ○ Problem Solving ○ Investigations