

Mathematics Yearly Overview



Nursery	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Colour	Counting songs Playing with numbers and counting in real life experiences eg in continuous provision Numbers to 3 Representing numbers through counting, comparing and ordering, finding numerals on a number line 1:1 correspondence- 2-D shape- circles and triangles Positional language	Previous Reception experiences and counting within 100 Comparison of quantities and part-whole relationships Numbers 0 to 10	Numbers 10 to 100	Numbers to 1000	Place Value (numbers to 10,000)	Place value (numbers up to 1,000,000) Rounding Decimal fractions Negative Numbers	Place value (numbers up to 10,000,000) Rounding (inc. 3 d.p numbers) Positive & Negative numbers
Counting	Numbers 4 and 5- representation, comparing and ordering Patterns	Recognise, compose, decompose and manipulate 2D and 3D shapes	Calculations within 20 Fluently add and subtract within 10	Additive Relationships Column Addition/Subtraction	Addition and subtraction Perimeter	Addition and Subtraction Money Perimeter	Multiplying and dividing whole and decimal numbers by 10,100, 1000

			Addition and subtraction of two-digit numbers (1) Addition and subtraction of 2 2-digit numbers				Addition, Subtraction, Multiplication & Division Written & mental methods Order of operations (BIDMAS)
Matching	Measure Length and weight	Additive structures	Doubling Multiplication Halving Division Using Measure - capacity, volume, mass	Multiplication and Division	Multiplication and division Area and scaling	Multiplication and Division (Long Multiplication) Factors, Multiples and Primes. Area, scaling and volume Converting Units	Fractions Decimals Percentages Mean Average
Sorting	Addition and subtraction to 5 2-D shape	Addition and subtraction facts within 10	Fractions	Fractions	Fractions Decimals (money) Percentages	Fractions Calculating with decimal fractions	Measurement (length, width, area, perimeter, volume,

							including formulas) Converting between units of measure including estimating Metric & Imperial Time and timetables
Noticing/ subitising	Measures- days of the week and daily routine	Recap Numbers to 10 Numbers 0 to 20	Time	Parallel and Perpendicular Polygons Right Angles	Time	Fractions, decimals and percentages	Algebra Formula
Arranging objects to make their own patterns	Number bonds to 5	Unitising and coin recognition	Shape	Time	Shape (symmetry of 2D shapes) Revision of 3D shapes	Angles/ Shape	Ratio & Proportion Scale factor
Link numerals and amounts	3-D shape Money for addition/ subtraction	Position and direction	Statistics, position and direction through computing	*Statistics/Shape also to be taught through science/geog/hist and DT	Statistics (also taught through Geography and science)	Statistics	Geometry: Names & Properties of 2D and 3D shapes

							Angles
							Parts of circle
Talk about and explore 2D and 3D shapes	9 and 10-representation, comparison and composition Addition and subtraction	Time					Geometry: Position and Direction Co-ordinates in all four quadrants
Make comparisons between objects relating to size, length, weight and capacity.	Number bonds to 10 Numbers beyond 10 Doubling, grouping and sharing	Financial education – Milo's Money (coin recognition)					Statistics: Line graphs Bar charts Pie Charts Pictograms