

"We believe, we achieve, we succeed in God's family"

THANKFULNESS • COMMUNITY • COMPASSION • TRUTHFULNESS • COURAGE • FORGIVENESS

Mathematics Vocabulary Progression

"Nature is written in mathematical language." Galileo Galilei

Vocabulary						
Number & Place Value						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Count Subtiise Oder Compare Forwards Backwards Numerals Digit One more One less Equal to More than Less than	Sort Represent Multiples Partitioning Ones Tens	Count in steps Count in multiples Place value Estimate Compare	Ascending Descending 10 or 100 more 10 or 100 less Hundreds	Negative numbers Roman numerals 1000 more 1000 less Thousands Round	Ten thousands One hundred thousands Powers of Integer	Millions Ten Millions
Addition & Subtraction						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Add Plus Altogether Total	Addition/add Subtraction Difference Equals	Sum 3-digit number Commutative	Column addition Column subtraction exchange estimate	4-digit number Operations Methods		

Take away – minus Number bonds Part Whole Digit	Fact Problems Missing number problems 2-digit number Inverse					
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Multiplication & Division

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Double Half Twice as many Equal Unequal Share Group Odd Even	Multiplication Division Arrays	Multiplication tables Commutative Repeated addition	Exchange Mathematical statements Missing number problems Integer scaling problems Correspondence problems Derived facts	Factor pairs Formal written layout Distributive law Remainders	Multiples Factors Prime numbers Square numbers Cube numbers Short division Product Dividend Divisor Quotient Operations	Multi-digit numbers Long division

Fractions/decimals/percentages

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Whole Half Quarter Equal parts	Three quarters Third Equivalent fractions Unit fractions Non unit fractions Numerator Denominator One whole	Tenths	Decimal equivalence Hundredths Convert Proper fractions Improper fractions Decimal point	Fifth Thousandths Mixed numbers Per cent % Factors Integer Complements	Ratio & Proportion Relative size Missing values Integer multiplication Percentages Scale factor Unequal sharing & grouping

Algebra – Year 6

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
						Formulae Linear number sequences Algebraically

						Equation Unknowns Combinations Variables
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Measurement (measure & length)

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Measure Wide(er) Narrow(er) Compare Long(er)(est) Short(er)(est) Length	Compare	Standard units Estimate Order Record results Centimetre cm Metre m	Millimetre mm Perimeter	Kilometres km Rectilinear figure Area	Decimal notation Scaling Metric units Imperial units Inches Compound shape Irregular shapes Square centimetres Square metres	Conversion Miles Formulae Parallelograms Triangles Feet

Measurement (height / weight / capacity)

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Height Long(er)/short(er) Tall(er)/short(er) Weight Capacity Heavy/light Heavier than Lighter than Big/bigger/biggest Full/empty More than Less than Half/half full	Mass Volume	Kilogram kg Gram g Quarter full Three quarters full Litres l Millilitres ml Temperature Celsius			Cubic centimetre Pounds Pints	Cubic metre Cubic millimetre Cubic kilometre Gallons Stones Ounces

Measurement (Time)

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Time Quicker Slower Earlier Later	Chronological order Days of the week Months of the year Month Year	Intervals of time Quarter past/to Duration	Analogue clock Roman numerals 12-hour clock 24-hour clock A.m./p.m.			

Before After First Next Today Yesterday Tomorrow Morning Afternoon Evening Day Week Hour Minutes	O'clock Half past Second		Noon Midnight Leap year Digital			
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Measurement (Money)

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Money Coins Notes Pounds £ Pence p	Value Change				

Geometry – properties of shape

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
2-d shapes Rectangle Square Circle Triangle Characteristics 3-d shapes Cuboids Cubes Cone Spheres curved Straight Flat	Sides Corners Properties Pyramids Faces	Pentagon Hexagon Line of symmetry Properties Cylinder Edges Vertices Vertex	Right-angle triangle Heptagon Octagon Polygon Properties Prism	Isosceles Equilateral Scalene Trapezium Rhombus Parallelogram Kite Geometric shapes Quadrilaterals	Regular polygon Irregular polygon	Radius Diameter Circumference Dimensions

Geometry – properties of shape (2)

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
			orientations angles acute angle obtuse angle turn right angles half turn three quarters of a turn greater than right angle less than right angle horizontal lines vertical lines perpendicular lines parallel lines		reflex angles degrees one whole turn angles on straight line angles around a point vertically opposite missing angles	

Geometry – position and direction

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Over Under Between Around Through On Into Next to Behind Beneath Order Repeat Patterns On top of	Position Direction Movement Whole turn Quarter turn Half turn Three-quarter turn	Clockwise/anti-clockwise Straight line Rotation Arrange Sequences		Co-ordinates First quadrant Grid Translation Plot Polygon Axis	Reflection	Four quadrants Co-ordinate plane

Statistics

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		Pictograms Tally chart Block diagram Category Sorting	Table Bar chart One-step problem Two-step problem	Time graph Discrete data Continuous data Line graph Comparison problem	Timetable Two-way table	Pie chart Mean

		Totalling Comparing Horizontal Vertical		Sum problem Difference problem Calculate Interpret		
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