

1. [Place Value](#)
2. [Addition and Subtraction](#)
3. [Multiplication and Division](#)
4. [Fractions, Decimals and Percentages](#)
5. [Geometry \(Position and Direction\)](#)
6. [Geometry \(Properties of Shape\)](#)
7. [Measurement \(Measure and Length\)](#)
8. [Measurement \(Time\)](#)
9. [Measurement \(Height, Weight and Capacity\)](#)
10. [Measurement \(Money\)](#)
11. [Statistics](#)
12. [Ratio and Proportion](#)
13. [Algebra](#)

Place Value

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
0-20 Count Subitise Order / Ordinal Compare Forwards Backwards Numerals Digit One more One less Equal to More than Less than (fewer)	20-100 Value Between Halfway Ones Tens Column Represent Place Value Bar Diennes Sort Multiples Partitioning	Count in steps Count in multiples Place Value Estimate Compare Hundreds < > =	Ascending Descending 10 or 100 more 10 or 100 less Hundreds	Negative numbers Roman numerals 1000 more 1000 less Thousands Round Nearest 10,100, 1000	Ten thousands One hundred thousands Powers of Integer	Millions Ten millions

Addition and Subtraction

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Add Plus Altogether Total Take away Minus Number bonds Part Whole Digit Equals How many More	Sum Subtraction Difference Inverse Number line Count on Count back Part-Whole model	Addend Sum Subtrahend Minuend Difference Three-digit number Commutative Inverse	Column addition Column subtraction Exchange Estimate	Four digit number Operations Methods		

Multiplication and Division

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

Fractions, Decimals and Percentages

Reception	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 Thousandth Mixed number Percent % Factors Integer Complements	

Geometry (Position and Direction)

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
On Under Above Behind Next to In front of Between Over Around Through Into Beneath Order Repeat Patterns After / Before On top of	Position Direction Movement Whole turn Quarter turn Half turn Three-quarter turn	Clockwise Anti-clockwise Straight line Rotation Arrange Sequences		Coordinates First quadrant Grid Translation Plot Polygon Axis	Reflection	Four quadrants Coordinate plane

Geometry (Properties of Shape)

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Circle Triangle Rectangle Square Cube Pyramid Cuboid Cone Sphere Cylinder Side Corner Face 2-D 3-D Curved Straight Flat	Sides Corners Properties Pyramids Faces	Pentagon Hexagon Line of symmetry Properties Cylinder Edges Vertices Vertex	Right-angle triangle Heptagon Octagon Polygon Prism Orientations Angles Acute 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	Isosceles Equilateral Scalene Trapezium Rhombus Parallelogram Kite Geometric shapes Quadrilateral	Regular polygon Irregular polygon Reflex angle Degrees ° One whole turn Angles on a straight line Angles around a point Vertically opposite Missing angle s	Radius Diameter Circumference Dimensions

Measurement (Measure and Length)

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

Measurement (Time)

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Time Quicker/Slower Earlier Later Before/After First Next Today Yesterday Tomorrow Morning Afternoon Evening Day Week Hour Minute Days of the week Moths of the year Seasons	Chronological Order Days of the week Months of the year Month Year Seconds O'clock Half past	Intervals of time Quarter past Quarter to Duration	Analogue clock Roman numeral 12-hour clock 24-hour clock a.m./p.m. Noon Midnight Leap year Digital Duration			

Measurement (Height, Weight and Capacity)

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Height Long(er)/Short(er) Tall(er)/Short(er) Weight Heavy/light Heavier than Lighter than Big/Bigger/Biggest Full/Empty More than Less than Half/Half full	Mass Volume Capacity	Kilogram kg Gram g Quarter full Three quarters full Litres l Millilitres ml Temperature Celcius			Cubic centimetre Pounds Pints	Cubic metre Cubic millimetre Cubic Kilometre Gallons Stones Ounces

Measurement (Money)

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

Statistics

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		Pictograms Tally chart Block diagram Category Quantity Sorting Totalling Comparing Horizontal Vertical Graph Tables Most/Least	Table Bar chart One-step problem Two-step problem	Time graph Discrete data Continuous data Line graph Comparison problem Sum problem Difference problem Calculate Interpret	Timetable Two way tables	Pie chart Mean

Ratio and Proportion

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
						Relative size Missing values Integer multiplication Percentages Scale factor Unequal sharing Unequal grouping

Algebra

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
						Formulae Linear number sequences Algebraically Equation Unknowns Combinations Variables