

	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and place value	Count Subitise Order/ordinal Compare Forward Backwards Numeral Digit One more One less Equal to More than Less than (fewer)	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 Thousand Round	Ten thousand One hundred thousand Powers of Integer	Millions Ten Millions
Number – addition and subtraction	Add Plus Altogether Total Take away/minus Number bonds Part Whole Digit	Addition/add Subtraction Difference Equals Facts Problems Missing number problems 2-digit numbers Inverse	Sum 3-digit number commutative	Column addition Column subtraction Exchange Estimate	4-digit number Operations Methods		
Number – multiplication and division	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 Product Dividend Divisor Quotient	Multiples Factors Prime numbers Square numbers Cube numbers Short division Product Dividend Divisor Quotient Operations	Multi-digit numbers Long division
Number – fractions, decimals, percentages	Parts of a whole Half Quarter	Whole Half Quarters 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	Thousandths Mixed numbers Percent Factors Integer Complements	

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Measurement (measure and length)	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 Parellelograms Triangles Feet
Measurement (Height, weight and capacity)	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 centimeter Pound Pint	Cubic metre Cubic millimetre Cubic kilometer Gallons Stone Ounces
Measurement (Time)	Time Quicker Slower Earlier Later Before After First Next Today Yesterday Tomorrow Morning Afternoon Evening Day Week Hour Minutes	Chronological order Days of the week Months of the year Month Year O'clock Half past second	Intervals of time Quarter past/to Duration	Analogue clock Roman numerals 12-hour clock 24-hour clock a.m./p.m. noon midnight leap year digital	Convert		
Measurement (money)		Money Coins Notes Pounds £ Pence p	Value Change				

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Geometry – Properties of Shape	2-d shapes Rectangle Square Circle Triangle Characteristics 3-d shapes Cuboid Cubes Cone Spheres Curved Straight Flat	Sides Vertices Properties Pyramid Faces	Pentagon Hexagon Line of symmetry Properties Cylinder Edges Vertices Vertex	Right-angle triangles Heptagon Octagon Polygon Properties Prism Orientations Angles Acute angles Obtuse angles Turn Right angles Half turn Three quarters of a turn Greater than a right angle Less than a 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 angles Degrees One whole turn Angles on straight line Angles around a point Vertically opposite Missing angles	Radius Diameter Circumference Dimensions
Geometry – Position and Direction	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			Pictogram Tally chart Block diagram Category Sorting Totalling Comparing Horizontal Vertical	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

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Ratio and proportion							Relative size Missing values Integer multiplication Percentages Scale factor Unequal sharing & grouping
Algebra							Formulae Linear number sequences Algebraically Equation Unknowns Combinations Variables