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Addition and Subtraction Vocabulary

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Add Take away Equals How many? Altogether	Add, addition, + Take away - Equals, = is the same as Difference, Find the difference Subtract Count back Count on Altogether Sum Total Plus Inverse Double Near double Half, halve Number bonds Pairs Missing numbers How many more to make..?, how many more is...than..?, how much more is..? Subtract, take away, minus How many fewer is...than..?, how much less is..?	Addition Add Plus More than Count on Altogether e.g. total sum Bridging ten, tens boundary One hundred more... Subtraction Take away Subtract Minus Count back Fewer Less than One hundred less.... Exchange Find the difference	Formal written methods Column addition Carry Column subtraction Exchange	Inverse Estimate, check	Efficient written methods	Order of operations

Multiplication and Division Vocabulary

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
X Language Sharing Groups of ÷ Visual Hoops Compare bears etc. ÷ Language Sharing Grouping	Repeated addition Array, row, column Commutativity Pictorial Representation Double Halve Equally Lots of Groups of Multiplication Multiply/ied by Multiple, multiple of Times by	Repeated addition Arrays Scaling Partitioning Multiplication Once, twice, third, fourth etc. Inverse operation Partitioning Factors Repeated addition Multiples Multiplication	Grid Method Jottings Multiples/of Jotting Partitioning Grid Columns Product Record Scaling up	Formal written method Short multiplication Expanded method Compact method Estimate Factors, factor pairs Scaling up Multiplication facts (up to 12x12) Commutativity Distributive law Correspondence Squared numbers	Long multiplication Cubed numbers Common factors, common multiples	Order of operations
	Repeated subtraction Groups Double Halve Equally Share, share equally Groups of, equal groups of Grouping Lots of Division Divide/d by Dividing Left, left over	Repeated subtraction Groups – blank numbers Partitioning Once, twice, third, fourth Inverse operation Partitioning Factors Division Fraction of Half	Chunking Jottings, key facts Divisor Strategies Divisible by How many Factor remainder	Chunking groups Short division Remainder Left over Columns Workings Chunks Multiples Remainder Division facts Estimate Inverse Derive	Chunking with multiples Long division Quotient Check using Inverse Prime numbers Prime factors Composite numbers Interpret remainders in context	

Fractions, Decimals and Percentages Vocabulary

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number line to 0-21 with pictorial representation Money with pictorial representation Coin with pictorial representation	Fraction Whole Equal part/s Four equal parts Equal grouping Equal sharing One of two equal parts One half, two halves One of four equal parts A quarter, two quarters	Name: $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{3}$, $\frac{3}{4}$ Equivalence, equivalent	Numerator, denominator Same denominator Unit fraction, non-unit fraction Equivalent fractions Compare, order Sixths, sevenths, eighths, tenths	Decimal Equivalent decimals and fractions Decimal equivalents Decimal point hundredths proportion	Proper/improper fractions, Reduce to cancel mixed numbers Percentage % thousandths Convert	Degree of accuracy Simplify Express in the simplest form ratio

Statistics Vocabulary

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Vote, table		Interpret Construct Pictogram Tally Chart Block Diagram Table Category Quantity Total Compare Data	Discrete data Continuous data Graphical Bar Chart Time Graph Comparison Sum Difference	Line Graph Timetable Coordinates on time graphs Pie Charts Line graphs Interpret data Mean average Data sets – connectivity of concepts	Pie charts Mean, mode, median, range distribution

Measures Vocabulary

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Geometry Vocabulary

Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Position On, under, above, behind, in front of, in, next to/beside, between 2D Shapes Circle, triangle, rectangle, square 3D Shapes Cube, pyramid, cuboid, cone, sphere, cylinder Properties Sides, corners, faces	Position As Reception + shapes rotated for progression. Underneath, centre, journey 2D Shapes As Reception + shapes rotated for progression. Point, pointed 3D Shapes As Reception + shapes rotated for progression. Cuboid, cylinder Properties Vertices, edges, faces Direction left, right, half turn, quarter turn, $\frac{3}{4}$ turn Symmetry Symmetry Symmetrical pattern	2D & 3D Shapes Irregular shapes 2D faces within 3D shapes Properties language Edges, vertices, faces Symmetry Vertical, horizontal Position/Direction Right angle, $\frac{1}{4}$ turns, $\frac{3}{4}$ turns, clockwise, anticlockwise	<u>2D shape</u> pentagonal hexagonal octagonal quadrilateral parallel perpendicular right angle – turning 90° - $\frac{1}{4}$ - $\frac{3}{4}$, greater than less than horizontal, vertical, diagonal equilateral triangle, <u>3D shape</u> hemisphere prism triangular prism <u>Position & Direction</u> compass point north, south, east, west acute, obtuse	<u>2D shape</u> two dimensional oblong rectilinear Triangles – equilateral, isosceles, scalene, right- angled heptagon parallelogram rhombus kite trapezium polygon <u>3D shape</u> three dimensional spherical cylindrical tetrahedron polyhedron <u>Position & Direction</u> north-east, north-west, south-east, south-west Translation – left, right Co-ordinates, quadrant (1st) construct reflect reflection regular, irregular orientation	Regular and irregular polygons Reflex angles octahedron protractor radius, diameter congruent angles reflective symmetry	Vertically opposite angles Circumference, Dodecahedron