

Maths Vocabulary Progression Map

Number: Place Value

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Ones Tens Less than Greater than Order Number Forwards Backwards Least Smallest Greatest Biggest	One hundred Multiples of 10 Sequence Greater than One digit numbers Two digit numbers Less than Place value columns Compare Digit Multiples of 5 Multiples of 2	Numeral Sequence One hundred more One hundred less Multiples of 50 Compare Approximate Digit Pattern Represent Multiples of 4 Multiples of 8	Multiples of 6 Multiples of 7 Multiples of 9 One thousand more One thousand less Negative numbers Below zero Above zero Rounding up Rounding down Rounding to the nearest 10, 100 and 1000 Roman numerals to 100 Estimate Approximate	Ten thousand One hundred thousand One million Ascending order Descending order Roman numerals to 1000 Rounding to the nearest 1,000, 10,000 and 100,000 Negative numbers Whole numbers Integers	Ten million Consecutive Integer Ascending order Descending order Negative numbers

Number: Addition and Subtraction (including Year 6 Algebra)

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Addition Number bond Missing number Subtraction Sum Total Altogether Equals Takeaway Difference between Number sentence Fact family	Ones column Tens column Exchange Regroup Sum Total Subtract Finding the difference Equal / equals Altogether Inverse Calculation Altogether Inverse Calculation	Hundreds columns Related number facts Exchange Regroup Sum Total Equal / equals Altogether Inverse Calculation Estimate Approximate	Thousands column Related number facts Exchange Regroup Sum Total Equal / equals Altogether Inverse Calculation Estimate Approximate	Exchange Regroup Sum Total Inverse Calculation Estimate Approximate	Exchange Regroup Sum Total Inverse Calculation Estimate Approximate Formula / Formulae Unknown Variable Equation

Number: Multiplication and Division

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Multiply Multiplication Divide Division Lots of Groups of Array Repeated number sentence	Groups of Times Shared equally Multiply Array Divide Double / doubling Half / halving Sharing method Group method Multiplication / division facts Repeated addition and subtraction Row Column	Factor Integer Shared equally Multiply Array Divide Double / doubling Half / halving Sharing method Group method Product Remainder Row/Column Inverse	Factor Integer Shared equally Multiply Array Divide Multiples Column Inverse Row Product Remainder	Factor Integer Prime number Square number Cube number Long multiplication Multiples Short multiplication Inverse Short division Product Remainder Factor pairs Common factors	Factor Integer Prime number Square number Cube number Long multiplication Multiples Short multiplication Inverse Short division Product Remainder Factor pairs Common factors

Number: Fractions

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Fraction Equal part Parts of a whole Half Quarter Whole Recognise Quantity	Equivalent Non-unit fraction Unit fraction Numerator Denominator Parts of a whole Three quarters Quarter Half Third	Equivalent fraction Non-unit fraction Unit fraction Numerator Denominator Parts of a whole Three quarters Quarter Half Third Tenths	Equivalent fraction Non-unit fraction Unit fraction Numerator Denominator Parts of a whole Three quarters Sixths Sevenths Eighths Tenths Hundredths	Equivalent fractions Non-unit fractions Mixed number Unit fractions Improper fractions Parts of a whole Thousandths Sixths Sevenths Eighths Tenths Hundredths Simplify Proper fractions	Equivalent fractions Proper fractions Improper fractions Mixed number Simple fraction Equivalent Common factor Simplify

Number: Decimals and Percentages (including Ratio and Proportion)

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
		Decimal point Decimal place Tenths value Tenths	Decimal point Decimal place Tenths value Tenths Hundredths Decimal equivalents Hundredths value (h) Nearest whole number	Decimal point Decimal place Tenths value Tenths Hundredths Decimal equivalents Hundredths value (h) Nearest whole number One decimal place Two decimal places Percentage Per cent	Decimal point Decimal place Tenths value Tenths Hundredths Decimal equivalents Hundredths value (h) Nearest whole number One decimal place Two decimal places Percentage Per cent Ratio Proportion Scale factors

Measurement: Height and Length (including perimeter and area)

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Length Height Centimetre Metre Long Short Metre stick Ruler Wide Narrow Thick Thin	Length Height Centimetre Metre Long Short Metre stick Ruler Wide Narrow Further / furthest Tall / tallest	Depth Mile Centimetre Metre Millimetre Perimeter Metre stick Ruler Distance Tall / tallest	Depth Mile Centimetre Metre Millimetre Perimeter Distance Measurement Square centimetres Square metres Square millimetres Converting Volume Equivalent measures	Depth Area Centimetre Distance Millimetre Perimeter Measurement Square centimetres Square metres Square millimetres Converting Volume Equivalent measures	Depth Area Centimetre Distance Millimetre Perimeter Measurement Square centimetres Square metres Square millimetres Converting Volume Equivalent measures

Measurement: Mass, Capacity and Temperature

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Measuring scale Mass Scales Kilograms Litres Millilitres Container Grams Degrees Hotter / colder Capacity Temperature	Measuring scale Mass Scales Kilograms Litres Millilitres Container Grams Degrees Volume Capacity Temperature Half a litre Half a kilogram	Measuring scale Mass Scales Kilograms Litres Millilitres Container Grams Degrees Volume Capacity Temperature Half a litre Half a kilogram	Convert(ing) Volume Capacity Equivalent measures Units of measure Centimetre cubed Pints Inches Pounds Gallons	Convert(ing) Volume Equivalent measures Units of measure Cubic centimetres Cubic metres

Measurement: Time

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Hours Minutes Hour hand Minute hand Half past O'clock Midnight Today Yesterday Tomorrow Days of the week Months of the year	Hours Minutes Hour hand Minute hand Half past O'clock Past the hour To the hour Quarter to Quarter past Days of the week Months of the year	Roman numerals Calendar Quarter to To the hour Past the hour am pm 12-hour clock 24-hour clock Seconds Noon Month of the year	Roman numerals Calendar Convert Arrive Depart am pm 12-hour clock 24-hour clock Leap year	Roman numerals Calendar Convert Arrive Depart am pm 12-hour clock 24-hour clock Leap year	Roman numerals Calendar Convert Arrive Depart am pm 12-hour clock 24-hour clock Leap year

Measurement: Money

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Coins Notes Pence Pounds Price Cost Pay Spend Buy Sell	Coins Notes Pence Pounds Price Cost Pay Spend Buy Sell Total Change	Estimate Approximately Pence Pounds Price Cost Pay Spend Buy Sell Total Change	Estimate Approximately Pence Pounds Price Cost Pay Spend Buy Sell Total Change	Estimate Approximately Pence Pounds Price Cost Total Change	Estimate Approximately Pence Pounds Price Cost Total Change

Geometry: Position and Direction

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Direction Turn Movement Towards Forwards Backwards Next to Between Left Right Above Below Whole turn Half turn	Direction Turn Movement Towards Forwards Backwards Quarter turn Right angle Left Right Clockwise Anticlockwise Whole turn Half turn	Direction Turn Movement Towards Forwards Backwards Quarter turn Right angle Left Right Clockwise Anticlockwise Whole turn Half turn	Compass points Horizontal Vertical Diagonal Translations Positions Rotate / rotations Right angle Degrees Direction Coordinates Quadrant	Compass points Horizontal Vertical Diagonal Translations Positions Rotate / rotations Right angle Degrees Direction Coordinates Quadrant	Compass points Horizontal Vertical Diagonal Translations Positions Rotate / rotations Right angle Degrees Direction Coordinates Quadrant

Geometry: Properties of shape

Year 1		Year 2	Year 3	Year 4	Year 5	Year 6
2D	3D	Vertex / vertices Edge(s) Surface Line of symmetry Symmetrical pattern Repeating pattern Curved Straight Flat Three dimensional	Acute angle Obtuse angle Right angle Line of symmetry Symmetrical pattern Repeating pattern Prism Polygon Perpendicular Parallel Pentagonal Hexagonal Octagonal Quadrilateral Regular Irregular	Acute angle Obtuse angle Right angle Line of symmetry Regular Irregular Rotate Polygon Perpendicular Parallel Spherical Cylindrical Reflect(ion) Prism Quadrilateral Octagonal	Acute angle Obtuse angle Right angle Axis of symmetry Reflex angle Reflective symmetry Degrees Prism Perpendicular Parallel Radius Diameter Regular polygons Irregular polygons	Acute angle Obtuse angle Right angle Axis of symmetry Reflex angle Reflective symmetry Degrees Prism Perpendicular Parallel Radius Diameter Circumference Net

Statistics

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	Tally Graph Block graph Pictogram Tables Lists Most popular Least popular Category / Categories Options	Tally Graph Bar charts Pictogram Frequency table Lists Axis / axes Analyse Category / Categories Options Interpret Venn diagram	Survey Questionnaire Data Carroll diagram Frequency table Timetable Axis / axes Analyse Category Options Interpret Venn diagram	Survey Questionnaire Data Carroll diagram Frequency table Timetable Axis / axes Analyse Line graph Bar line chart Interpret Venn diagram	Survey Questionnaire Data Pie chart Frequency table Mean Axis / axes Analyse Line graph Bar line chart Interpret Average