Maths

Vocabulary Progression Grid

Year Group	Mathematical Concept		
	Number and Place Value	Addition and Subtraction	Multiplication and Division
N			
R	compare, size, between, halfway between, above, below	Number bonds, add, more, make, altogether, double, equals, subtract, take away	double, halve, share, share equally
1	Counting, Ones, Tens, One more, One less, Equal to, More than, Less than, Fewer, Most, Least, Ordering, Odd, Even, Numbers one – twenty in words	Addition, Put together, Add, Altogether, Total, Subtraction, Take away, Distance between, Difference between, Equals, More than, Less than, Number bonds, Zero, Counting forwards, Counting backwards	Grouping, Sharing, Multiplying, Dividing, Doubling, Arrays, Number patterns, Count in twos, Count in fives Count in tens
2	Counting, Forwards, Backwards, Place value Ones, Tens, Hundreds, Estimate, Number line, Compare, Order, More than, Less than, Equal to, Zero, Numbers one to one hundred in words	Addition, Put together, Add, Altogether, Total, Sum, Subtraction, Take away, Distance between, Difference between, Difference, Equals, More than, Less than, Number bonds, Zero, Counting forwards, Counting backwards	Multiplying, Dividing, Odd numbers, Even numbers, Arrays, Repeated addition, Mental methods, Multiplication tables, Inverse operations
3	Counting, Multiples, Place value, Zero, Ones, Tens, Hundreds, Compare, Order, More than, Less than, Three-digit number, Numbers one to one thousand in words	Addition, Add, Altogether, Total, Sum, Subtraction, Take away, Find the Difference, Equal to, More than, Less than, Number bonds, Zero, Counting forwards, Counting backwards, Column addition, Column subtraction, Inverse operations, Mental operations	Multiplying, Dividing, Odd numbers, Even numbers, Repeated addition, Mental method, Multiplication tables, Inverse operations, Integers, Short division, Short multiplication
4	Counting, Multiples, Place value, Zero, Ones, Tens, Hundreds, Thousands, Compare, Negative numbers, Order, More than, Less than, Rounding numbers, Represent numbers, Four-digit number, Estimate, Roman Numerals, Decimal numbers	Addition, Add, Altogether, Total, Sum, Subtraction, Take away, Find the Difference, Equal to, More than, Less than, Number bonds, Zero, Column addition, Column subtraction, Inverse operations, Mental operations, Two-step problems	Multiplying, Dividing, Odd numbers, Even numbers, Repeated addition, Mental method, Multiplication tables, Inverse operations, Factor pairs, Integers, Short division, Short multiplication
5	Counting, Multiples, Place value, Zero, Ones, Tens, Hundreds, Thousands, Tens of thousands, Hundreds of thousands, Millions, Powers of ten, Compare, Order, More than, Less than, Rounding numbers, Estimate, Roman Numerals, Decimal numbers, Number sequences	Addition, Add, Altogether, Total, Sum, Subtraction, Take away, Find the Difference, Equal to, More than, Less than, Number bonds, Zero, Column addition, Column subtraction, Inverse operations, Mental operations, Accuracy, Multi-step problems	Multiples, Factors, Factor pairs, Common factors, Prime numbers, Prime factors, Composite (nonprime) numbers, Multiplying, Dividing, Odd numbers, Even numbers, Repeated addition, Mental method, Multiplication tables, Inverse operations, Integers, Remainders, Long multiplication, Common multiples,
6	Counting, Multiples, Place value Zero, Ones, Tens, Hundreds, Thousands, Tens of thousands, Hundreds of thousands, Millions, tens of millions, Powers of ten, Compare, Order, More than, Less than, Rounding numbers, Estimate, Roman Numerals, Decimal numbers, Number sequences, Accuracy	Addition, Add, Altogether, Total, Sum, Subtraction, Take away, Find the Difference, Equal to, More than, Less than, Zero, Column addition, Column subtraction, Inverse operations, Mental operations, Accuracy, Multi-step problems, Four operations	Multiples, Factors, Factor pairs, Common factors, Prime numbers, Prime factors, Composite (nonprime) numbers, Multiplying, Dividing, Odd numbers, Even numbers, Repeated addition, Mental method, Multiplication tables, Inverse operations, Integers, Remainders, Long multiplication, Long division, Remainders, Common multiples, Brackets

Year Group	Mathematical Concept		
	Measurement	Geometry (Position and Direction)	Geometry (Properties of Shape)
N			
R	days of the week, day, weekend, birthday, holiday, morning, afternoon, night, bedtime, dinnertime, playtime, today, Before, after, quick, fast, slow, old, long, short, tall, high, How much?, How many?, money, pence, price	Before, after, beside, next to, between, middle, corner	Corner, make, build, draw
1	**TIME** year, month, week, weekend, day, Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday, January, February, March, April, May, June, July, August, September, October, November, December, night, hour, minute, second, morning, afternoon, evening, yesterday, today, tomorrow, before, after, old(er), new(er), clock (face), o'clock, half past, birthday, watch, hour (hand), minute (hand), half past/to, fast(er), quick(er), slow(er), early, earlier, late, later **MASS** weigh, weight, heavy, heavier (than), heaviest, light, lighter (than), lightest,	n/a	**SHAPE PROPERTIES** Pattern, 2-D, Rectangle/oblong, circle, square, triangle, 3-D, cube, cuboid, pyramid, sphere, side(s), right, top, middle, bottom, in front of, behind, between, above, below, around, near, close, far, up, down, forwards, backwards, inside, outside

	balance, (weighing) scales, gram (g), Kilogram (kg) **LENGTH** length, long (er) (est), short (er) (est), ruler, centimetre(cm), metre (m), far, distance, measure **CAPACITY/ VOLUME** full, empty, more than, less than, half full **MONEY** coin, note, amount, penny/pound/£ *coin values:* one pence, two pence, five pence, ten pence, twenty pence, fifty pence		
2	**TIME** analogue, 1/4 past/to, clockwise, anticlockwise **MASS** gram, kilogram **LENGTH** height, width, metre, centimetre **CAPACITY/ VOLUME** litre, millilitre **TEMPERATURE** degrees celsius, thermometer **MONEY** price, cost, amount, change	**POSITION AND DIRECTION** Straight, curved, rotate, rotation, angle	**SHAPE PROPERTIES** Vertices, edges, faces, symmetry
3	Convert **LENGTH** millimetre, perimeter **TIME** roman numerals to XII, am/pm, duration, noon, midnight, analogue clock, digital clock, 12-hour clock	n/a	**SHAPE PROPERTIES** orientation, degree(s), right angle, acute, obtuse, clockwise, anti-clockwise, perpendicular, parallel, horizontal, vertical, quadrilateral, polygon
4	convert, conversion, area, rectilinear, dimensions, kilometre, 24-hour clock	coordinates grid, quadrant, plot, translate, translation, axis, axes, scale, x-axis, y-axis	quadrilateral, classify, polygon, pentagon, hexagon, heptagon, octagon, nonagon, decagon, polyhedron, polyhedra, isosceles, scalene, equilateral, parallelogram, rhombus, trapezium, regular, irregular
5	composite, metric, imperial, inch, foot, yard, mile, cm2, cm3, m2, m3, pound, pint	point, reflection, 180°, 360°	diagonal, reflex
6	mm3, km3, speed		second/third/fourth quadrant(s), dissect(ion), net(s), radius, diameter, circumference, vertically opposite, complementary angles

Year Group	Mathematical Concept		
	Fractions	Statistics	
N			
R	whole		
1	(one) half, (one/two/three) quarters, share, sharing, groups, grouping, part, whole, equal parts, same size, bar	n/a	
2	third, (one) (two) third(s) sharing, grouping, two quarters, equivalent, one and a quarter, one and 2 quarters, one and a half, one and 3	pictogram, tally chart, block diagram, table, data, category(ies)	

	quarters, half as much, twice as much, numerator, denominator		
3	fifths, sixths, sevenths, eighths, ninths, tenths, numerator, denominator, order, unit-fraction, non-unit fraction, like fraction	interpret, scale, key	
4	hundredth(s), decimal equivalents, decimal places, proportion	label, graph	
5	mixed number(s), thousandths, percent, percentages, proportion		
6	simplify, degrees of accuracy	pie chart, mean, average, data set	