

**PROGRESSION
OF THE MATHS
VOCABULARY**

Maths domain within the National Curriculum	Reception to Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Number and calculation	same different count(ing) forwards backwards share left over more (than) less (than) total fewer (than) equal (to) most least sum difference distance between total first plus add(ition) subtract(ion) minus ones tens column(s) multiples	digit numeral twenty one, twenty two, twenty three, twenty four and so on up to ninety nine one, hundred multiple commutative place value step counting > as 'greater than' < as 'less than' partition place holder place value estimate estimation inverse array calculate multiplication	hundreds one hundred and one, one hundred and two, one hundred and three and so on up to one thousand multiple(s) inverse operations integer(s) decimal(s) remainder	Thousands round rounding Roman numerals to 100 'C' negative operation factor factor pairs distributive associative derive remainder	million(s) Roman numerals to 1000 'M' linear sequence power(s) prime complement composite prime factor square(d) ² cube(d) ³ equivalence	Interval long division Multi-step common factors common multiples

	<p>first, second, third, fourth (and so on up to) nineteenth twentieth order number amount value size odd even number line double halve pair how much how many larger smaller estimate compare together altogether bonds zero between above below</p>					
Fractions	<p>(one) half (one) (two) (three) quarters sharing group (ing) part whole equal parts same size bar</p>	<p>(one) (two) third(s) sharing Grouping two quarters third one third two thirds equivalent one and a quarter' one and 2 quarters one and a half one and 3 quarters half as much twice as much numerator denominator</p>	<p>fifths sixths sevenths eighths ninths Tenths order unit-fraction non-unit fraction</p>	<p>hundredth(s) 'decimal equivalents decimal places proportion</p>	<p>mixed number(s) thousandths percent percentage(s)</p>	<p>simplify degrees of accuracy</p>

Measurement (time, mass, length, capacity, money)	<u>TIME</u> 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) minutes past/to quarter past/to half past/to fast(er) quick(er) slow(er) early earlier late later <u>MASS</u> weigh weight heavy	<u>TIME</u> analogue Five/ten/1/4 past/to clockwise anticlockwise <u>MASS</u> Gram kilogram <u>LENGTH</u> height width metre centimetre millimetre <u>CAPACITY</u> litre millilitre <u>TEMPERATURE</u> degrees celcius thermometer <u>MONEY</u> price cost amount change	millimetre perimeter am/pm duration noon midnight analogue clock with roman numerals digital clock	Convert conversion rectilinear area dimensions kilometre 24-hour clock	composite metric imperial inch foot yard mile pound (lb) pint cm ² cm ³ m ² m ³	mm ³ km ³ speed mph m/s km/h
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	<p>heavier (than) heaviest light lighter (than) lightest balance (weighing) scales ruler</p> <p><u>LENGTH</u> long(er)(est) short(er)(est) gram/g kilogram/kg centimetre/cm metre/m far distance measure long(er)(est) short(er)(est)</p> <p><u>CAPACITY</u> Volume full empty more than less than half full</p> <p><u>MONEY</u> coin note amount penny/p pound/£ coin values: one pence, two pence, Five pence, ten pence, twenty pence, fifty pence</p>					
Geometry (shape, position and direction)	<u>SHAPE PROPERTIES</u> pattern 2-D rectangle square circle	<u>SHAPE PROPERTIES</u> vertical Horizontal Vertices Edges faces	orientation degree(s) right angle perpendicular parallel horizontal	orientation degree(s) right angle perpendicular parallel horizontal	orientation degree(s) right angle perpendicular parallel diagonal	quadrant(s) dissect(ion) net(s) radius

	<p>triangle 3-D cube cuboid pyramid sphere side(s)</p> <p><u>POSITION AND DIRECTION</u> left right top middle bottom in front of behind between above below around near close far up down forwards backwards inside outside clockwise</p>	<p>quadrilateral polygon prism cone symmetry</p> <p><u>POSITION AND DIRECTION</u> straight curved rotate rotation Angle right angle</p>	<p>vertical quadrilateral polygon polyhedron polyhedra acute obtuse reflex reflection</p>	<p>vertical quadrilateral classify polygon pentagon hexagon heptagon octagon nonagon decagon polyhedron polyhedra acute obtuse isosceles scalene equilateral parallelogram rhombus trapezium protractor regular irregular reflex coordinates quadrant plot grid translate translation axis/axes scale</p>	<p>horizontal vertical quadrilateral polygon polyhedron polyhedra acute obtuse reflex point reflection 180o 3600 X-axis Y-axis</p>	<p>diameter circumference vertically opposite complementary angles Pi quadrants</p>
Statistics		<p>pictogram tally chart block diagram table data category(ies)</p>	<p>interpret data category(ies) scale</p>	<p>label graph</p>	<p>interpret data category(ies) scale</p>	<p>pie chart mean average data set</p>

Ration and Proportion						relative size scale factor proportion ratio as a:b
Algebra						Symbol Letter formula(e) sequence algebraic(ally) equation unknown variable constant generalise