



## Chapelford Village Primary School

### Maths Vocabulary Progression

	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Number and Place Value</b>	<b>Number</b> zero number one, two, three ... to twenty and beyond teens numbers, eleven, twelve ... twenty none how many ...? count, count (up) to, count on (from, to), count back (from, to) count in ones, twos, fives, tens is the same as more, less odd, even few pattern pair <b>Place value</b> ones tens digit	<b>Number</b> Numeral, twenty-one, twenty-two ... one hundred, forwards backwards, equal to equivalent to, most, least many, multiple of <b>Place value</b> equal to, half-way between above, below <b>Estimating</b> roughly	<b>Number</b> two hundred ... one thousand, tally, sequence continue predict, rule > greater than < less than, hundreds one-, two- or three- digit number place, place value stands for, represents exchange, twenty- first, twenty-second ..., count in threes, fours and so on <b>Estimating</b> Exact, exactly divide, divided by, divided into share, share equally left, left over one each, two each, three each ... ten each	<b>Number</b> Count in eights, fifties and so on to hundreds, factors of, relationships, Roman Numerals, <b>Estimating</b> approximate, approximately, <b>Place Value</b> round, nearest, round to the nearest ten, hundred round up, round down	<b>Number</b> ten thousand, hundred thousand, million, count in sixes, sevens, nines, twenty-fives, next, consecutive integer, positive, negative above/below zero, minus negative numbers <b>Place Value</b> One thousand more/less <b>Estimating</b> Round to nearest thousand	<b>Number</b> Factor, pair, $\geq$ greater than or equal to $\leq$ less than or equal to, formula divisibility square number prime number ascending/descending order <b>Estimating</b> Round to nearest ten thousand	<b>Number</b> factorise prime factor order digit total



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<p>the same number as, as many as more, larger, bigger, greater fewer, smaller, less fewest, smallest, least most, biggest, largest, greatest one more, ten more one less, ten less compare order size first, second, third... twentieth last, last but one before, after next between <b>Estimating</b> guess how many ...? estimate nearly close to about the same as just over, just under</p>		<p>group in pairs, threes ... tens equal groups of, row, column multiplication table multiplication fact, division fact</p>					
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	too many, too few enough, not enough						
<b>Addition and Subtraction</b>	add, more, and make, sum, total altogether double one more, two more ... ten more how many more to make ...? how many more is ... than ...? how much more is ...? take away how many are left/left over? how many have gone? one less, two less, ten less ... how many fewer is ... than ...? how much less is ...? difference between	Addition, near double half, halve, subtract, equals is the same as number bonds/pairs missing number	100 more/ less, facts Tens boundary	Hundred boundary	inverse	Ones boundary, tenths boundary	



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<b>Multiplication and Division</b>	sharing doubling halving number patterns	multiplication multiply multiplied by multiple division dividing grouping array	groups of times once, twice, three times ... ten times repeated addition divide, divided by, divided into, share, share equally left, left over one each, two each, three each ... ten each group in pairs, threes ... tens equal groups of, row, column. multiplication table multiplication fact, division fact	Factor Product remainder	inverse square, squared cube, cubed		
<b>Measure</b>	measure size compare guess, estimate enough, not enough too much, too little too many, too few nearly, close to, about the same as just over, just under <b>Length</b>	Measurement Roughly <b>Length</b> Centimetre ruler metre stick <b>Weight</b> kilogram, half kilogram <b>Capacity and volume</b> litre, half litre	Measuring scales Contains <b>Temperature</b> temperature degree <b>Time</b> Fortnight 5, 10, 15 ... minutes past, digital/analogue clock/watch, timer seconds	Division Approximately <b>Length</b> Millimetre, mile kilometre, distance apart ... between ... to ... from Perimeter <b>Temperature</b> Centigrade <b>Time</b>	unit, standard unit metric unit <b>Length</b> Breadth, edge, area, covers square centimetre (cm <sup>2</sup> ), <b>Weight</b> mass: big, bigger, small, smaller	imperial unit <b>Length</b> square metre (m <sup>2</sup> ), square millimetre (mm <sup>2</sup> ) <b>Capacity and volume</b> Pint, gallon <b>Money</b> discount currency	<b>Length</b> yard, foot, feet, inch, inches, circumference <b>Weight</b> Tonne, pound, ounce <b>Capacity and volume</b> centilitre cubic centimetres(cm <sup>3</sup> ), cubic metres (m <sup>3</sup> ), cubic millimetres



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	<p>metre length, height, width, depth long, short, tall high, low wide, narrow thick, thin longer, shorter, taller, higher ... and so on longest, shortest, tallest, highest ... and so on far, near, close</p> <p><b>Weight</b> weigh, weighs, balances heavy, light heavier than, lighter than heaviest, lightest scales</p> <p><b>Capacity and volume</b> full empty half full holds container</p> <p><b>Time</b></p>	<p>capacity volume, more than less than, quarter , full</p> <p><b>Time</b> months of the year (January, February ...) seasons: spring, summer, autumn, winter weekend, month, year, earlier, later first midnight date, how long ago? how long will it be to ...? how long will it take to ...? how often? always, never, often, sometimes, usually once, twice, half past, quarter past, quarter to clock face, hour hand, minute hand</p>	<p><b>Money</b> Bought sold</p>	<p>Century, calendar, earliest, latest, a.m, p.m, Roman numeral, 12-hour clock time, 24-hour clock time</p>	<p>weight: heavy/light, heavier/lighter, heaviest/ lightest</p> <p><b>Capacity and volume</b> Measuring cylinder</p> <p><b>Time</b> Leap year, millennium, noon, date of birth, timetable, arrive, depart</p>	<p>(mm<sup>3</sup> ), cubic kilometres (km<sup>3</sup>)</p> <p><b>Time</b> Greenwich Mean Time, British Summer Time, International Date Line</p> <p><b>Money</b> profit, loss</p>
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	time days of the week, Monday, Tuesday ... day, week birthday, holiday morning, afternoon, evening, night bedtime, dinner time, playtime today, yesterday, tomorrow before, after next, last now, soon, early, late quick, quicker, quickest, quickly slow, slower, slowest, slowly old, older, oldest new, newer, newest takes longer, takes less time hour, o'clock clock, watch, hands <b>Money</b> money	hours, minutes <b>Money</b> change dear, costs more cheap, costs less, cheaper costs the same as how much ...? how many ...? total					
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	coin penny, pence, pound price, cost buy, sell spend, spent pay						
<b>Geometry (position and direction)</b>	position over, under above, below top, bottom, side on, in outside, inside around in front, behind front, back beside, next to opposite apart between middle, edge corner direction left, right up, down forwards, backwards, sideways across	Underneath Centre Journey quarter turn, three-quarter turn	Route, higher, lower, clockwise, anticlockwise, right angle straight line	acute angle obtuse angle	North-east, north- west, south-east, south-west, NE, NW, SE, SW translate, translation, rotate, rotation degree reflection ruler, set square angle measurer, compass	Coordinate protractor	Reflex angle



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	next to, close, near, far along through to, from, towards, away from movement slide roll turn stretch, bend whole turn, half turn						
<b>Geometry (Properties of shape)</b>	shape, pattern flat curved, straight round hollow, solid sort make, build, draw size bigger, larger, smaller symmetrical pattern, repeating pattern match <b>2-D shape</b> corner, side rectangle (including square) circle	Symmetry Symmetrical pattern <b>2-D shape</b> point, pointed <b>3-D shape</b> cuboid cylinder	Surface Line of symmetry <b>2-D shape</b> Rectangular circular triangular pentagon hexagon octagon	Perimeter <b>2-D shape</b> pentagonal hexagonal octagonal quadrilateral right-angled parallel, perpendicular <b>3-D shape</b> hemisphere prism, triangular prism	Line, construct, sketch, centre, angle, right-angled base, square-based reflect, reflection regular, irregular <b>2-D shape</b> 2-D, two- dimensional oblong Rectilinear, equilateral triangle, isosceles triangle, scalene triangle, heptagon, parallelogram, rhombus, trapezium polygon <b>3-D shape</b>	radius, diameter, congruent, axis of symmetry, reflective symmetry <b>2-D shape</b> x-axis, y-axis, quadrant <b>3-D shape</b> octahedron	circumference, concentric, arc net, open, closed intersecting, intersection plane <b>2-D shape</b> kite <b>3-D shape</b> dodecahedron net, open, closed





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	triangle <b>3-D shape</b> face, edge, vertex, vertices cube pyramid sphere cone				3-D, three-dimensional, Spherical, cylindrical tetrahedron, polyhedron		
<b>Fractions (including decimals from Y4 &amp; percentages from Y5 &amp; ratio and proportion from Y6)</b>	parts of a whole half quarter	fraction equal part equal grouping equal sharing one of two equal parts one of four equal parts	equivalent fraction mixed number numerator, denominator, two halves, two quarters, three quarters, one third, two thirds one of three equal parts	sixths, sevenths, eighths, tenths ...	hundredths decimal, decimal fraction, decimal point, decimal place, decimal equivalent proportion	proper/improper fraction, equivalent, reduced to, cancel, thousandths, in every, for every percentage, per cent, %	Ratio <b>Algebra</b> formula, formulae equation unknown variable
<b>Statistics</b>	count, sort group, set list	Vote table	graph, block graph, pictogram represent label, title most popular, most common least popular, least common	chart, bar chart, frequency table Carroll diagram, Venn diagram axis, axes diagram	survey, questionnaire, data	Database Bar line chart Line graph maximum/minimum value outcome	Pie chart mean (mode, median, range as estimates for this) statistics, distribution



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<b>General/problem solving.</b>	<p>pattern</p> <p>puzzle</p> <p>what could we try next?</p> <p>how did you work it out?</p> <p>recognise</p> <p>describe</p> <p>draw</p> <p>compare</p> <p>sort</p>	<p>problem, problem solving</p> <p>menta, l, mentally, explain your thinking,</p>	<p>Show how you, explain your method</p> <p>describe the pattern</p> <p>describe the rule</p> <p>investigate, mental calculation</p> <p>written calculation</p>	<p>greatest value, least value, statement</p>	<p>justify</p> <p>make a statement</p>	<p>explain your reasoning</p>	
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