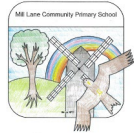




Maths Vocabulary Progression

	Number and Place Value	Addition and Subtraction	Multiplication and Division	Measure	Geometry (Position and Direction)	Geometry (Properties of Shape)	Fractions and Decimals	Statistics
<b>EYFS</b>	<p>ones the same number as, as many as more, larger, bigger, greater fewer, smaller, less fewest, smallest, least most, biggest, largest, greatest one/ten more one/ten less compare last, last but one before, after next between how many ...? too many, too few enough, not enough balance/equal</p>	<p>number sentence add/more/make total/altogether double one more/one less how many more to make ...? how many more is ... than ...? how much more is ...? equals balances take away/subtract how many are left/left over? how many have gone? how many fewer is ... than ...? how much less is ...? difference between</p>	<p>double doubling sets of pairs number patterns objects groups half of halving share between sharing equal groups sets count in</p>	<p>coin note one pence quicker/slower before/after/next/first today morning afternoon evening clock days of the week long/short tall/ short longest/shortest heavy/light full empty more/less</p>	<p>in front behind on top of under above below next to</p>	<p>side</p>	<p>share</p>	<p>chart tally</p>
<b>Year 1</b>	<p>digit/number/ numeral same tens and ones more than/less than count from ... count in .... forwards/backwards number pattern odd/even equal sign = greater/ smaller than fewer/ fewest largest/smallest most/least equal to ordinal/cardinal number bonds/pairs missing numbers estimate</p>	<p>Add/subtract Addition/subtraction Sum/total/altogether double one/two.. more plus/minus equals near double is the same as number bonds/pairs missing number count up/back how many more? how many left? Two/ten.. less how many fewer?</p>	<p>Multiplication/division multiplied by multiply/dividing lots of groups of scaling twice times as ... array multiple count up share into grouping unequal/equal</p>	<p>pound pence long/short hand o'clock/half past slow/slower/slowest quick/quicker/quickest tomorrow yesterday day/week/month/year minute/second/hour calendar chronological longer/shorter taller/smaller double/half heavier/lighter hot/hotter, cold/colder temperature thermometer half full/empty more than/less than quarter/half</p>	<p>underneath orientation left right turn whole turn half a turn quarter of a turn three quarters of a turn</p>	<p>edge corner pattern face sort</p>	<p>half two quarters, quarter, three quarters equal parts equal groups quantity object one whole</p>	<p>tally chart pictogram sort</p>



# Maths Vocabulary Progression

<p style="text-align: center;"><b>Year 2</b></p>	<p>greater than, &gt; less than, &lt; equal (to), = column partition most/greatest number pattern equivalent to multiple of</p>	<p>increase tens boundary commutative partition fact family regrouping partitioning bridging empty box inverse ten more difference between equals is the same as minus order exchanging</p>	<p>times table multiplication row/column fact family odd even commutative multiplication fact repeated addition/subtraction multiply array fact family inverse divide left/left over</p>	<p>total cost change minute hand hour hand quarter past/to 24 hours in a day standard unit cm/metre half/quarter estimate measure length standard unit kilogram grams positive/negative litre/millilitre</p>	<p>clockwise anticlockwise rotation right angle 90 degrees</p>	<p>vertices line of symmetry vertical line reflection symmetry compare vertices edges surface compare</p>	<p>third equivalence</p>	<p>block graph/bar charts venn diagram carroll diagram table key total compare scale calendar How many more? How many fewer?</p>
<p style="text-align: center;"><b>Year 3</b></p>	<p>numbers to 1,000 ones tens hundreds thousand digits tenths exact position estimate decimal approximate descending ascending integer round represent ascending descending</p>	<p>100 more/100 less Increase/decrease column digit columnar column addition mental method formal method adjusting estimate written method boundary adjust near double combine rounding exchanging number sentence calculate column subtraction mental method formal method fact family</p>	<p>missing number scaling multiplied by ... times larger/smaller product times table facts fact family partition grid missing number times table remainder inverse operation</p>	<p>decimal point (money) 12/24 hour decade leap year century noon/midnight am/pm Roman numerals Estimate Duration metric millimetre kilometre perimeter breadth width convert difference centimetre perimeter millimetre metre</p>	<p>orientation horizontal line vertical line north/south/east/west greater than less than protractor degrees</p>	<p>perpendicular line parallel line polygon diagonal axis of symmetry regular / irregular nets base dimensions polyhedron horizontal vertical</p>	<p>fifth, sixth, seventh, eighth, ninth, tenth two thirds tenths divided by ten unit fraction numerator denominator equivalent fraction discrete set diagram add/subtract within one whole compare order  decimal point</p>	<p>axis interpret key timetable information graph chart bar chart frequency table carroll diagram venn diagram</p>



## Maths Vocabulary Progression

<p style="text-align: center;"><b>Year 4</b></p>	<p>Roman Numerals round negative convert positive factor factor pair multiple tenths hundredths numeral decimal places round (to nearest) thousand more/less negative integers count through zero roman numerals I to C</p>	<p>count in multiples of 6, 7, 9, 12. inverse derive division facts decimal addition decimal subtraction</p>	<p>Convert factor factor pair short multiplication quotient divisor dividend factors</p>	<p>analogue digital 24 hour area square centimetres rectilinear shape counting</p>	<p>area net rectilinear adjacent right angle acute angle obtuse angles translation reflection congruent oblique first quadrant coordinate points x-axis/y-axis</p>	<p>geometric shapes quadrilateral rectilinear parallelogram triangle - scalene, equilateral, isosceles. dissect classify breadth width</p>	<p>hundredth divided by 100 non-unit fraction common equivalent fractions</p> <p>decimal equivalent decimal places rounding</p>	<p>discrete data continuous data time graphs comparison sum difference</p>
<p style="text-align: center;"><b>Year 5</b></p>	<p>powers of 10 numbers to 1,000,000 roman numerals I to M millions thousandths mixed number decimal fraction square number cube number prime number composite number decimal places prime common factor common multiple squared cubed integer</p>	<p>approximate</p>	<p>prime number composite number multiple common factor common multiple square number cube number squared, cubed long multiplication expanded method multiplier compact short scale down test of divisibility</p>	<p>imperial inches feet approximate pounds ounces stones pints approximate cuboids cubic centimetres standard units square metres compound area</p>	<p>adjacent intersection rotational on a line reflex base angles interior exterior</p>	<p>regular polygon irregular polygon bisect congruent dimension quindecagon rotational symmetry</p>	<p>improper fraction mixed number proper fractions thousandths convert decimal fraction nearest whole number per cent symbol % number of parts per hundred percentage equivalent</p>	<p>frequency chart line graph</p>



Maths Vocabulary Progression

	Number and Place Value	Addition and Subtraction	Multiplication and Division	Measure	Geometry (Position and Direction)	Geometry (Properties of Shape)	Fractions, decimals and percentages	Statistics	Ratio and Proportion	Algebra
<b>Year 6</b>	millions billions sequence pattern term first term etc. rule proportion ratio power digital root	formula term order of operations precedence mean brackets average	approximate formula term order of operations precedence brackets balance	Miles formulae cubic kilometres cubic millimetres	enlargement equidistant at a point vertically opposite fourth quadrants positive negative	radius diameter circumference	simplest form degree of accuracy	Mean average median mode pie chart scatter graph	relative size quantity scale factor comparison ratio/ proportion unequal sharing/grouping similar shapes	formulae linear sequence express unknowns equations equivalent expression number pattern express generate symbols variables