

MANCHESTER COMMUNICATION PRIMARY ACADEMY

# Maths Vocabulary Overview

Curriculum



## Number and Place Value

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<ul style="list-style-type: none"> <li>• backwards</li> <li>• digit</li> <li>• even</li> <li>• exchange</li> <li>• fewer</li> <li>• first...second...</li> <li>• forwards</li> <li>• half-way between</li> <li>• least</li> <li>• most</li> <li>• number line</li> <li>• number square</li> <li>• number track</li> <li>• numbers to 100 (and beyond)</li> <li>• odd</li> <li>• ones</li> <li>• repeating pattern</li> <li>• roughly</li> <li>• 'teens' number</li> <li>• tens</li> <li>• units</li> </ul>	<ul style="list-style-type: none"> <li>• &gt; and &lt;</li> <li>• consecutive</li> <li>• continue</li> <li>• exact</li> <li>• exactly</li> <li>• hundreds</li> <li>• nearest</li> <li>• numeral</li> <li>• one- digit number</li> <li>• partition</li> <li>• place, place value</li> <li>• predict</li> <li>• represents</li> <li>• round</li> <li>• rule</li> <li>• sequence</li> <li>• sequence</li> <li>• stands for</li> <li>• thousand</li> <li>• three-digit number</li> <li>• twenty-first, twenty-second...</li> <li>• two-digit number</li> <li>• value</li> </ul>	<ul style="list-style-type: none"> <li>• approximate</li> <li>• approximately</li> <li>• estimate</li> <li>• near double</li> <li>• one hundred less</li> <li>• one hundred more</li> <li>• place holder</li> <li>• relationship</li> <li>• round down</li> <li>• round up</li> <li>• zero to thousand+</li> </ul>	<ul style="list-style-type: none"> <li>• above zero</li> <li>• below zero</li> <li>• classify</li> <li>• consecutive</li> <li>• hundred thousand</li> <li>• integer</li> <li>• minus</li> <li>• negative integer</li> <li>• negative number</li> <li>• next</li> <li>• numeral</li> <li>• one thousand less</li> <li>• one thousand more</li> <li>• positive integer</li> <li>• positive number</li> <li>• property</li> <li>• Roman numerals to 100 (I to C)</li> <li>• round to the nearest 10</li> <li>• round to the nearest 100</li> <li>• round to the nearest 1000</li> <li>• sort</li> <li>• ten thousand</li> <li>• thousands</li> </ul>	<ul style="list-style-type: none"> <li>• = is approximately equal to</li> <li>• approximation</li> <li>• ascending order</li> <li>• composite number</li> <li>• cube</li> <li>• cubed number</li> <li>• descending order</li> <li>• greater than or equal to <math>\geq</math></li> <li>• less than or equal to <math>\leq</math></li> <li>• million</li> <li>• one squared, two squared etc</li> <li>• prime number</li> <li>• Roman numerals to 1000 (M)</li> <li>• round to the nearest 10000</li> <li>• round to the nearest 100000</li> <li>• square/d number</li> <li>• term-to-term rule</li> <li>• to the power of...</li> </ul>	<ul style="list-style-type: none"> <li>• factorise</li> <li>• numbers to ten million+</li> <li>• recurring</li> </ul>

### Addition and Subtraction

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<ul style="list-style-type: none"> <li>• -</li> <li>• +</li> <li>• =</li> <li>• add</li> <li>• difference between</li> <li>• equal to</li> <li>• how much less is...?</li> <li>• less than</li> <li>• minus</li> <li>• more than</li> <li>• number bond</li> <li>• number fact</li> <li>• no. sentence operation</li> <li>• plus</li> <li>• put together</li> <li>• sign</li> <li>• subtract</li> <li>• take away</li> <li>• total</li> </ul>	<ul style="list-style-type: none"> <li>• addition</li> <li>• calculate</li> <li>• calculation</li> <li>• correct</li> <li>• difference</li> <li>• inverse</li> <li>• one hundred less</li> <li>• one hundred more</li> <li>• subtraction</li> <li>• sum</li> <li>• symbol</li> <li>• tens boundary</li> </ul>	<ul style="list-style-type: none"> <li>• column(ar) addition</li> <li>• column(ar) subtraction</li> <li>• equation</li> <li>• exchange</li> <li>• hundreds boundary</li> <li>• inverse operation</li> </ul>	<ul style="list-style-type: none"> <li>• decrease</li> <li>• increase</li> </ul>	<ul style="list-style-type: none"> <li>• tenths boundary</li> <li>• units boundary</li> </ul>	<ul style="list-style-type: none"> <li>• brackets</li> <li>• common multiple</li> <li>• long division</li> <li>• long multiplication</li> <li>• order of operations - BODMAS</li> <li>• quotient</li> <li>• recurring decimal</li> </ul>

### Multiplication and Division

<ul style="list-style-type: none"> <li>• array</li> <li>• count on (2s, 5s, 10s)</li> <li>• equal to</li> <li>• group</li> <li>• grouping</li> <li>• multiple</li> <li>• share</li> <li>• sharing</li> </ul>	<ul style="list-style-type: none"> <li>• lots of</li> <li>• groups of</li> <li>• x times</li> <li>• multiply</li> <li>• multiplied by</li> <li>• multiplication</li> <li>• multiple of</li> <li>• product</li> <li>• twice</li> <li>• as big as</li> <li>• as long as</li> <li>• as wide as</li> <li>• repeated addition</li> <li>• row column</li> <li>• share equally</li> <li>• group in pairs</li> <li>• equal groups of</li> <li>• ÷ divide</li> <li>• divided by</li> <li>• divided into</li> <li>• division</li> <li>• inverse</li> </ul>	<ul style="list-style-type: none"> <li>• equation</li> <li>• inverse operation</li> <li>• remainder</li> </ul>	<ul style="list-style-type: none"> <li>• divisible by</li> <li>• factor</li> <li>• factor pair</li> </ul>	<ul style="list-style-type: none"> <li>• common factor</li> <li>• divisibility</li> <li>• divisor</li> <li>• factorise</li> <li>• prime factor</li> </ul>	
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Fractions					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<ul style="list-style-type: none"> <li>fraction</li> <li>half</li> <li>halve</li> <li>quarter</li> <li>whole</li> </ul>	<ul style="list-style-type: none"> <li>equal parts</li> <li>four quarters</li> <li>fraction</li> <li>one half</li> <li>one quarter</li> <li>one third</li> <li>one whole</li> <li>part</li> <li>three quarters</li> <li>two halves</li> <li>two quarters</li> </ul>	<ul style="list-style-type: none"> <li>denominator</li> <li>numerator</li> <li>one tenth</li> <li>tenths</li> <li>three thirds</li> <li>two thirds</li> </ul>	<ul style="list-style-type: none"> <li>decimal</li> <li>decimal fraction</li> <li>decimal place</li> <li>decimal point</li> <li>eighth</li> <li>fifth</li> <li>for every</li> <li>hundredth</li> <li>in every</li> <li>proportion</li> <li>simplify</li> <li>sixth</li> <li>twentieth</li> </ul>	<ul style="list-style-type: none"> <li>cancel</li> <li>common fraction</li> <li>improper fraction</li> <li>mixed fraction</li> <li>mixed number</li> <li>ninth</li> <li>per cent %</li> <li>percentage</li> <li>proper fraction</li> <li>reduced to</li> <li>simple fraction</li> <li>thousandth</li> <li>twelfth</li> <li>vulgar fraction</li> </ul>	<ul style="list-style-type: none"> <li>common denominator</li> <li>rational number</li> <li>thousandth</li> </ul>
Measurements					
<ul style="list-style-type: none"> <li>capacity</li> <li>container</li> <li>fast / faster / fastest</li> <li>height</li> <li>length</li> <li>line</li> <li>mass</li> <li>metre / metre stick</li> <li>roughly</li> <li>ruler</li> <li>volume</li> <li>weighing scale / weight</li> <li>width</li> <li>always</li> <li>autumn / winter</li> <li>half past</li> <li>how long ago...?</li> <li>how long will it be to...?</li> <li>how long will it take to...?</li> <li>how often...?</li> <li>midnight</li> <li>month / year / weekend</li> <li>never</li> <li>once</li> <li>sometimes</li> <li>spring / summer</li> <li>twice</li> <li>usually</li> <li>names of coins</li> </ul>	<ul style="list-style-type: none"> <li>about</li> <li>capacity</li> <li>Centigrade °C</li> <li>centimetre (cm)</li> <li>contains</li> <li>further / furthest</li> <li>gram (g)</li> <li>half-kilogram</li> <li>half-litre</li> <li>kilogram (kg)</li> <li>litre (l)</li> <li>m to represent metre</li> <li>mass</li> <li>measuring scale</li> <li>millilitre (ml)</li> <li>tape measure</li> <li>temperature</li> <li>thermometer</li> <li>volume</li> <li>weight</li> <li>analogue clock/ digital clock</li> <li>fortnight</li> <li>January - December</li> <li>minute</li> <li>quarter past / quarter to</li> <li>second</li> <li>£ and p</li> <li>bought</li> <li>change</li> <li>note (and the names of notes)</li> <li>sold</li> </ul>	<ul style="list-style-type: none"> <li>approximately</li> <li>distance apart</li> <li>distance between</li> <li>distance from</li> <li>distance to</li> <li>kilometre (km)</li> <li>mile</li> <li>millimetre (mm)</li> <li>perimeter</li> <li>amount</li> <li>least expensive</li> <li>less expensive</li> <li>more expensive</li> <li>most expensive</li> <li>value</li> <li>worth</li> <li>Roman numerals I to XII</li> <li>12-hour clock</li> <li>24-hour clock</li> <li>am</li> <li>calendar</li> <li>century</li> <li>date</li> <li>earliest</li> <li>latest</li> <li>leap year</li> <li>noon</li> <li>pm</li> </ul>	<ul style="list-style-type: none"> <li>area</li> <li>breadth</li> <li>convert</li> <li>measurement</li> <li>measuring cylinder</li> <li>metric unit</li> <li>pint</li> <li>square centimetre (cm<sup>2</sup>)</li> <li>square metre (m<sup>2</sup>)</li> <li>standard unit</li> <li>date of birth</li> <li>millennium</li> </ul>	<ul style="list-style-type: none"> <li>gallon</li> <li>imperial unit</li> <li>inch</li> <li>pint</li> <li>pound (lb)</li> <li>square millimetre (mm<sup>2</sup>)</li> <li>volume in cm<sup>3</sup></li> <li>arrive</li> <li>depart</li> <li>currency</li> <li>discount</li> </ul>	<ul style="list-style-type: none"> <li>centilitre (cl)</li> <li>cubic kilometre km<sup>3</sup></li> <li>cubic metre m<sup>3</sup></li> <li>cubic millimetre mm<sup>3</sup></li> <li>feet</li> <li>foot</li> <li>miles per hour</li> <li>ounce (oz)</li> <li>tonne</li> <li>yard</li> <li>loss</li> <li>profit</li> </ul>

Properties and Shapes					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<ul style="list-style-type: none"> <li>• cuboid</li> <li>• cylinder</li> <li>• point</li> <li>• pointed</li> <li>• set</li> <li>• sort</li> </ul>	<ul style="list-style-type: none"> <li>• 2D</li> <li>• 3D</li> <li>• circular</li> <li>• edge</li> <li>• hexagon</li> <li>• horizontal</li> <li>• kite</li> <li>• line of symmetry</li> <li>• mirror line</li> <li>• oblong</li> <li>• octagon</li> <li>• pentagon</li> <li>• polygon</li> <li>• prism</li> <li>• property</li> <li>• quadrilateral</li> <li>• rectangular</li> <li>• reflection</li> <li>• surface</li> <li>• triangular</li> <li>• vertex</li> <li>• vertical</li> <li>• vertices</li> </ul>	<ul style="list-style-type: none"> <li>• acute angle</li> <li>• angle</li> <li>• greater angle than...</li> <li>• hemisphere</li> <li>• hexagonal</li> <li>• irregular</li> <li>• non-symmetrical</li> <li>• obtuse angle</li> <li>• octagonal</li> <li>• parallel</li> <li>• pentagonal</li> <li>• perpendicular</li> <li>• polyhedron</li> <li>• regular</li> <li>• right angle</li> <li>• right-angled triangle</li> <li>• semi-circle</li> <li>• smaller angle than...</li> </ul>	<ul style="list-style-type: none"> <li>• base</li> <li>• closed</li> <li>• concave</li> <li>• construct</li> <li>• convex</li> <li>• cylindrical</li> <li>• equilateral triangle</li> <li>• heptagon</li> <li>• isosceles triangle</li> <li>• line symmetry</li> <li>• open</li> <li>• parallelogram</li> <li>• polygon</li> <li>• polyhedron</li> <li>• reflect</li> <li>• rhombus</li> <li>• scalene triangle</li> <li>• sketch</li> <li>• spherical</li> <li>• square-based</li> <li>• tetrahedron</li> <li>• trapezium</li> </ul>	<ul style="list-style-type: none"> <li>• angle(s) at a point</li> <li>• angle(s) on a straight line</li> <li>• axis of symmetry</li> <li>• congruent</li> <li>• degrees</li> <li>• diagonal</li> <li>• octahedron</li> <li>• reflective symmetry</li> <li>• reflex angle</li> </ul>	<ul style="list-style-type: none"> <li>• arc</li> <li>• circumference</li> <li>• concentric</li> <li>• cross-section</li> <li>• diameter</li> <li>• dodecahedron</li> <li>• geometric</li> <li>• icosahedron</li> <li>• intersecting</li> <li>• intersection</li> <li>• kite</li> <li>• net</li> <li>• plane</li> <li>• radius</li> <li>• tangram</li> <li>• vertically opposite angles</li> </ul>
Position and Direction					
<ul style="list-style-type: none"> <li>• anti-clockwise</li> <li>• centre</li> <li>• clockwise</li> <li>• direction</li> <li>• half turn</li> <li>• journey</li> <li>• position</li> <li>• quarter turn</li> <li>• three-quarter turn</li> <li>• turn</li> <li>• underneath</li> <li>• whole turn</li> </ul>	<ul style="list-style-type: none"> <li>• compass point</li> <li>• east</li> <li>• higher</li> <li>• lower</li> <li>• map</li> <li>• north</li> <li>• NSEW</li> <li>• plan</li> <li>• route</li> <li>• south</li> <li>• straight line</li> <li>• west</li> </ul>		<ul style="list-style-type: none"> <li>• angle measurer</li> <li>• compasses</li> <li>• coordinates</li> <li>• degree</li> <li>• first quadrant</li> <li>• NE, NW, SE, SW</li> <li>• north-east</li> <li>• north-west</li> <li>• origin</li> <li>• plot</li> <li>• rotate</li> <li>• set square</li> <li>• south-east</li> <li>• south-west</li> <li>• translation</li> </ul>	<ul style="list-style-type: none"> <li>• protractor</li> <li>• rotation symmetry</li> </ul>	<ul style="list-style-type: none"> <li>• four quadrants</li> </ul>

Statistics					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	<ul style="list-style-type: none"> <li>• block diagram</li> <li>• category</li> <li>• column</li> <li>• diagram</li> <li>• label</li> <li>• least common</li> <li>• least popular</li> <li>• most common</li> <li>• most popular</li> <li>• pictogram</li> <li>• represent</li> <li>• row</li> <li>• scale</li> <li>• table</li> <li>• tally tally chart</li> <li>• title</li> </ul>	<ul style="list-style-type: none"> <li>• axes</li> <li>• axis</li> <li>• bar chart</li> <li>• Carroll diagram</li> <li>• chart</li> <li>• column</li> <li>• data</li> <li>• frequency table</li> <li>• grid</li> <li>• interval</li> <li>• row</li> <li>• Venn diagram</li> </ul>	<ul style="list-style-type: none"> <li>• interpret</li> <li>• questionnaire</li> <li>• survey</li> <li>• time graph</li> </ul>	<ul style="list-style-type: none"> <li>• bar line chart</li> <li>• database</li> <li>• line graph</li> <li>• maximum</li> <li>• minimum</li> <li>• mode</li> <li>• outcome</li> <li>• range</li> <li>• timetable</li> <li>• value</li> <li>• x-axis</li> <li>• y-axis</li> </ul>	<ul style="list-style-type: none"> <li>• average</li> <li>• distribution</li> <li>• mean</li> <li>• median</li> <li>• pie chart</li> <li>• rate</li> <li>• sample</li> <li>• statistics</li> </ul>
Algebra					
					<ul style="list-style-type: none"> <li>• algebra</li> <li>• algebraic</li> <li>• equation</li> <li>• equivalent expression</li> <li>• evaluate</li> <li>• expression</li> <li>• formula</li> <li>• formulae</li> <li>• symbol</li> <li>• unknown</li> <li>• variable</li> </ul>
Ratio and Proportion					
					<ul style="list-style-type: none"> <li>• comparison</li> <li>• proportion</li> <li>• quantities</li> <li>• ratio</li> <li>• scale</li> <li>• scale factor</li> </ul>