

## PROGRESSION OF KEY MATHS VOCABULARY

STRAND	YR	Y1	Y2
<b>NUMBER – NUMBER AND PLACE VALUE</b>	count count forwards count backwards how many total altogether five frame same different next after arrange order number objects pattern ten frame dice group taller tallest large largest smaller smallest greater greatest	sort group digit count back one more one less matched fewer greater than equal to most least fewest greatest number line part-whole model number sentence order tens (10s) ones (1s) more fewer order smallest number track pattern	tens ones place value grid partition more fewer fewest greatest smallest +Y1 words

	<p>different difference</p>	<p>matched greater than (&gt;) less than (&lt;) equal to (=) plus whole part compare 100 square number square place value grid</p>	
<p><b>NUMBER – ADDITION AND SUBTRACTION</b></p>	<p>sort group object same different how many one more one less part-whole add subtract take away count on count back whole ten frame equal more fewer</p>	<p>altogether in total plus add count on missing part How many are left? take away subtract count backwards How many more? How many fewer? difference taken away part subtraction addition difference ones (1s)</p>	<p>fact family number sentence number bond column 10 more 10 less total tens ones subtract difference bar model represent number fact calculate mentally bar model number line part-whole model 100 square</p>

	<p>every less than more than greater than equal amount number bonds to 10 bead string jump forwards/backwards</p>	<p>tens (10s) number bond part-whole find the difference fact family</p>	<p>partition</p>
<p><b>NUMBER – MULTIPLICATION AND DIVISION</b></p>	<p>double doubling half halving share sharing fair share uneven odd even pattern equal groups</p>	<p>equal groups array row column double twice share</p>	<p>equal groups multiplication (×) times-table times divide (÷) division share group odd even</p>
<p><b>NUMBER - FRACTIONS</b></p>		<p>half halves quarter</p>	<p>half (1/2) quarter (1/4) three quarters (3/4) whole third (1/3) equal equivalent equal parts numerator</p>

			denominator fraction fraction bar non-unit fraction unit fraction
<b>MEASUREMENT</b>	<p>first next later then before after every day time clock face o'clock order timetable sequence large larger largest bigger smaller heavy heaviest light lightest balanced equal balance scales</p>	<p>long, longer, longest short, shorter, shortest tall, taller, tallest length height compare measure distance ruler centimetre heavier, heaviest lighter, lightest capacity balance scales full empty weight, weigh balanced estimate weigh weight before after yesterday today</p>	<p>pound (£) pence (p) coin note change length centimetre (cm) metre (m) longer shorter metre stick height width compare distance o'clock half past quarter past quarter to minute hand hour hand duration mass balance weighing scales</p>

	<p>weigh weight</p>	<p>tomorrow day week slower faster month year calendar date minute hand hour hand o'clock half past second minute hour pound pence (p) coin note</p>	<p>gram (g) kilogram (kg) litre (l) millilitre (ml) volume capacity temperature thermometer degrees Celsius (°C) estimate approximation heavier than lighter than</p>
<p><b>GEOMETRY</b></p>	<p>in on below under above in front of behind next to up down</p>	<p>Turn half turn quarter turn three-quarter turn whole turn position left right forwards backwards</p>	<p>quadrilateral polygon prism pentagon hexagon octagon vertex vertices edge hemisphere</p>

	<p>across forwards backwards left right roll stack push curved straight round corners face edge sides square rectangle circle triangle sphere cube cuboid cylinder cone big little flat slides pointy different properties</p>	<p>above below top middle bottom up down in between 3D cube cuboid sphere pyramid cylinder cone 2D circle triangle square rectangle face repeated</p>	<p>symmetry line of symmetry symmetrical curved surface clockwise anticlockwise forwards backwards left right middle turn half turn quarter turn three-quarter turn</p>
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	<p>next continue repeat round pattern</p>		
<b>STATISTICS</b>			<p>tally chart pictogram key</p>
<b>CHALLENGING</b>			
	<p>odd one out describe explain represent match compare number story method how many more? missing number</p>		<p>What comes next? How many? Can you name the...? Describe What is...? Which is true or false? Identify List Compare Break into smaller parts Think of another way to... Investigate Explain how to...? Sort Match Continue the sequence Complete How do you...? Solve What do you need to know?</p>

		<p>Calculate Choose Say what you think Describe how to solve Give your reasons for Describe the pattern What sort of What will happen next? Plan a different way to Create a new problem</p>
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