

## Year 3 Assessment Framework for Mathematics – Larger Print Version

Standard		Number and Place Value	Four Operations	Fractions	Measurement	Geometry	Statistics	
<b>Greater Depth</b>	20/22: <b>GD(a)</b>	1) With guidance, identify, represent and estimate numbers using different representations <i>Partitioning, cubes, pictures...</i>  2) Solve number and practical problems  3) Know 2, 3, 4, 5, 8 and 10x tables	4) Begin to estimate + and - answers  5) Use inverse operations to check additions and subtractions  6) Solve problems using all four operations, using number facts, place value and more complex calculations  7) Recall multiplication and division facts for 3x, 4x and 8x  8) Begin to formally multiply 2 digits by 1 digit, using the tables they know $\begin{array}{r} 42 \\ \times 3 \\ \hline 126 \end{array}$	10) Recognise non-unit fractions as numbers <i>2/5 of a shape</i>  11) Use diagrams to show equivalent fractions with small denominators <i>2/6 = 1/3</i>  12) Compare and order unit fractions (numerator of 1)  13) Compare and order fractions with the same denominators  14) Solve fraction problems	15) Tell and write 12- and 24-hour time  16) Estimate and read time to one minute <i>14:37</i>  17) Compare time in terms of seconds, minutes and hours  18) Know the number of days in a month, year and leap year  19) Compare durations, e.g. how long different events last for	20) Know that: 2 right angles = half turn, 3 = $\frac{3}{4}$ turn and 4 = whole turn  21) Correctly use vocabulary to describe lines <i>horizontal</i> <i>vertical</i> <i>parallel</i> <i>perpendicular</i>	22) Solve one- and two- step questions using scaled bar charts & pictograms, and tables <i>How many more?</i> <i>How many fewer?</i>	
	13/22: <b>GD(b)</b>							
	6/22: <b>GD(c)</b>							

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Expected Standard	23/25: Exp(a)	1) Count from 0 in multiples of 50 and 100	Add and subtract mentally: 6) <b>three digits and ones</b> 7) <b>three digits and tens</b> 8) <b>three digits and hundreds</b>	13) Count up & down in 10ths	17) Measure, compare, add and subtract lengths (m/cm/mm), mass (kg/g) and volume/capacity (l/ml)	21) Make 3D shapes using modelling materials	25) Interpret and present data using bar charts, pictograms and tables
	15/25: Exp(b)	2) Recognise the place value of hundreds, tens and ones $457 = 400 + 50 + 7$	9) Subtract up to 3 digits using exchange (borrowing) $\begin{array}{r} 538 \\ -172 \\ \hline 366 \end{array}$	14) Find non-unit fractions (numerator that isn't 1) with small denominators of a set of objects	18) Measure the perimeter of simple 2D shapes	22) Recognise 3D shapes in different orientations and describe them	
	7/25: Exp(c)	3) Compare and order numbers up to 1000	10) Add up to 3 digits, crossing the barrier $\begin{array}{r} 657 \\ +224 \\ \hline 881 \end{array}$	15) Recognise unit fractions as numbers <i>1/5 of a shape</i>	19) Add & subtract money to give change in £ & p	23) Identify right angles	
		4) Read and write numbers up to 1000 in numerals and in words	11) Mentally multiply 2 digits by 1 digit, using the tables they know	16) Add and subtract fractions with the same denominator within one whole $4/7 + 2/7 = 6/7$	20) Tell and write the time from an analogue clock	24) Identify whether angles are greater or less than a right angle	
		5) Know 2, 3, 4, 5, & 10x tables	12) Mentally divide using tables they know				

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Working Towards	8/10: WT(a)	1) Find 10 or 100 more or less than a given number	4) Add up to 3 digits, not crossing the barrier $\begin{array}{r} 651 \\ +224 \\ \hline 875 \end{array}$	6) Know that 10ths come from dividing an object or number into 10 parts	8) Use Roman numerals from I to XII	9) Draw 2D shapes	
	5/10: WT(b)	2) Consistently read and write numbers beyond 100 in numerals and in words	5) Subtract up to 3 digits, not using exchange (borrowing) $\begin{array}{r} 598 \\ -172 \\ \hline 426 \end{array}$	7) Find unit fractions (numerator of 1) of a set of objects		10) Recognise angles as a property of a shape or a description of a turn	
	2/10: WT(c)	3) Know 2, 5, and 10x tables					