Mathematics Assessment Criteria: *Year 3* denotes MET + Mastery Indicators

Year 3 Stage 1		Year 3 Stage 2		Year 3 Stage 3 MET	
I can count on in 50s & 100s from zero*		I can count on in 4s from zero*		I can count on in 8s from zero*	
I can find 10 more than a given number		I can find 10 less than a given number		I can find 100 more or less than a given number	
I know the value of digits in **HTO** (3-digit numbers)		I can compare **HTO** numbers (3-digit numbers) using **<** & **>**		I partition **HTO** flexibly *e.g. 146 = 100 + 40 + 6, 146 = 130 + 16*	
I can estimate numbers using resources		I can represent numbers with resources		I can identify numbers shown using resources	
I can read & write numbers to 1000 in numerals		I can read numbers to 1000 in words		I can write numbers to 1000 in words	
I can mentally add **HTO** and **O** *e.g. 342 + 6*		I can mentally add **HTO** and **T** *e.g. 342 + 20*		I can mentally add **HTO** and **H** *e.g. 342 + 200*	
I can mentally subtract **O** from **HTO** *e.g. 345 - 8*		I can mentally subtract **T** from **HTO** *e.g. 345 - 30*		I can mentally subtract **H** from **HTO** *e.g. 345 - 200*	
I can add **TO** and **TO** using compact addition (with one carry) T O 4 7 + 3 5 8 2 1		I can add **HTO** and **HTO** using compact addition (with one) H T O 3 2 9 + 2 6 3 5 9 2 1		I can subtract **HTO** and **HTO** using decomposition (with no exchange) H T O 3 4 9 - 2 1 3 1 3 6	
I can estimate the answer to a calculation		I can use the inverse operation to check answers		I can solve problems, including missing number problems, using number facts, place value and more complex addition and subtraction	
I can recall 3x tables facts off by heart		I can recall 4x tables facts off by heart		I can recall 8x tables facts off by heart	
I can derive division facts from 3x table		I can derive division facts from 4x table		I can derive division facts from 8x table	
I can multiply 2-digit numbers by 2 using tables facts *e.g. 34 x 2* and know that I am **doubling**		I can multiply 2-digit numbers by 3 and 4 using tables facts *e.g. 23 x 4*		I use doubling and x10 to solve multiplication problems mentally *e.g. 20 x 16 = 16 x 10 x 2 [Distributive Law]*	
I can multiply a whole number by 10 by moving the digits one place to the left		I know I **cannot** change the order of division when solving problems.		I use division facts to derive related facts *e.g. 6 ÷ 3 = 2 so 60 ÷ 3 = 20*	
I can use partitioning to solve **TO** x **O** *e.g. 24 x 6 = (20x6) + (4x6) [Distributive Law]*		I use a grid to record **TO** x **O** x | 2 0 4 6 | 120 24 = 144		I can solve **TO ÷ O**	
I can solve simple scaling problems, *e.g. draw a wall four times as high*		I can solve correspondence problems in which n objects are connected to m objects *e.g. 3 hats, 4 coats. How many different outfits?*		I can solve problems where I choose which operation to use (from +, -, x, ÷)	
I can count up in tenths from 0 to 2		I can count down in tenths from 2 to 0		I can divide 1-digit numbers/quantities by 10 *e.g. 4 pizzas divided between 10 people*	
I can divide an object into ten equal parts		I can find fractions of sets of objects *e.g.* $\frac{2}{3}$ of 30, $\frac{2}{5}$ of 25		I can show equivalent fractions using diagrams *e.g.* $\frac{2}{4} = \frac{3}{6}$ 	
I can find $\frac{1}{10}$ of a set of objects		I can add fractions with the same denominator *e.g.* $\frac{5}{7} + \frac{1}{7} = \frac{6}{7}$		I can subtract fractions with the same denominator *e.g.* $\frac{5}{7} - \frac{1}{7} = \frac{4}{7}$	
I can compare unit fractions *e.g.* $\frac{1}{4} < \frac{1}{3}$ I can compare and order fractions with the same denominator *e.g.* $\frac{1}{6}, \frac{3}{6}, \frac{5}{6}$		I can order unit fractions on a numberline *e.g* $\frac{1}{4}, \frac{1}{3}, \frac{1}{2}, \frac{3}{4}$		I can solve problems using all fraction knowledge	

** up to ten multiples of the number*

Mathematics Assessment Criteria: *Year 3* denotes MET + Mastery Indicators

I can measure length using millimetres (mm), centimetres (cm) and metres (m)		I can measure mass in grams (g) and kilograms (kg)		I can measure volume/capacity in millilitres (ml) and liters (l)	
I can compare length written in 'm' or 'cm' *e.g. 1.24m is longer than 1.02m*		I can compare and add together lengths or mass *e.g. 234g + 312g*		I can compare and add and subtract measures (m/cm/mm/kg/g/l/ml) *e.g. 345ml – 212ml*	
I can measure the perimeter of regular 2D shapes		I can find the total when using £ and p (up to £10.00)		I can find the change when using £ and p (up to £10.00)	
I can tell the time from an analogue clock		I can tell the time from an analogue clock (with Roman numerals)		I can tell the time from an 24-hour analogue clock	
I can estimate a minute		I can read time to the nearest minute		I can record times in seconds, minutes and hours and compare them	
I know there are 60 seconds in a minute		I know there are 365 days in one year (366 in one leap year)		I know the number of days in each month	
I can draw 2D shapes using a ruler *e.g. square, oblong, right-angled triangle,*		I can model 3D shapes from materials		I can recognise and name 3D shapes in different orientations and describe them	
I know 2D shapes are **polygons**		I can identify regular and irregular polygons		I know 3D shapes are **polyhedra**	
I can find and draw right angles in 2D shapes		I know two right angles make a half turn		I know three right angles make a three-quarters of a turn	
I know four right angles make a whole turn				I know if an angle is greater (obtuse) than or less than (acute) a right angle	
		I can find horizontal and vertical lines		I can find pairs of perpendicular and parallel lines	
I can record information in a pictogram		I can record information in a table/chart and answer questions		I can record information in a bar chart and answer questions	
I can answer questions about pictograms		I can solve one-step problems *e.g. How many more? How many fewer?*		I can solve two-step problems with scaled bar charts *e.g. 2, 5, 10 units per cm*	

mastery indicators