Year 3		
Place Value	Addition and Subtraction	Multiplication and Division
Count forward starting at 0 and backward in 2s to 100, 3s to 36, and 5s to 100, 4s to 48, 8s, to 96, 50s to 1000 and 100s to 1200 e.g. 0,3,6,9,12,15,18,21 50,100,150,200,250 Find 10 or 100 more and less than a given number. (This does not including those numbers which would result in a negative number) Read and write numbers to at least 1000 in numbers and words. e.g. 656 six hundred and fifty six	Use addition to check subtraction calculations and subtraction to check addition calculations. e.g. $352 + 118 = 470$ then check the answer by solving 470 - 118 = 352 Mentally (in your head): add and subtract a three-digit numbers and ones e.g. $245 + 8 = 253$, $187 - 8 = 179$ add and subtract a three-digit numbers and multiples of ten e.g. $438 + 10 = 576 + 30 = 728 - 10 = 526 - 30 =$ add and subtract a three-digit numbers and multiples of a hundred	Know multiplication and division facts for 2 5 and 10 and 3, 4, and 8 multiplication tables. e.g. 2 x 7 = 14 and 14 ÷2 = 7 Solve x and ÷ for two-digit number x a known multiplication table (know x tables are x2,x5,x10,x3,x4,x8) e.g.21 x 3 (more detail on methods in calculation policy) There are 21 coloured balls on a snooker table. How many coloured balls on 3 snooker tables? This could be shown using tens and ones as in the table below
Know the value of each digit in a 3 digit number (hundreds (h), tens (t) and ones (o) e.g. 826 has 8 hundreds, 2 tens and 6 ones The value of the 8 is 800, the value of the 2 is 20 and the value of the 6 is 6. Compare and order numbers from 0 up to 1000 using the signs < (less than) > (greater than) and = (equal to). e.g. 345<767 (345 is less than 767) Order these numbers from smallest to biggest 873, 103, 131, 356, 325 becomes 103,131, 325, 356, 873	e.g. 438 + 100 =, 576 + 300 =, 728 - 100 =, 526 - 300 = Using column written method (more detail on methods in calculation policy): add and subtract numbers with up to three-digits e.g. 425 + 123 =, 362 - 174 =, 487 - 134 = Solve calculations which include an unknown/missing number. e.g. 176 + ? = 224	Tens Ones Image: Solve scaling problems that use the term 'times as many' Solve scaling problems that use the term 'times as many' In a playground, there are three times as many girls as boys. There are 30 boys. How many girls are there? boys girls Each box is worth 30 so there are 90 girls

Year 3

indenois (necognise, compare una calculate)		
Count up and down in tenths. Mea usin	asure, compare, and add and subtract lengths ng metres(m), centimetres (cm) and millimetres	Tell and write the time from analogue (clock face), including roman numeral from 1 to 12 (I to XII) and 1
Know that tenths are a result of dividing an object into (mm	n)	and 24 hour clocks (digital)
ten equal parts or by dividing a one-digit number or		THE REAL PROPERTY OF THE REAL
quantities by ten Mea	asure, compare, and add and subtract weights	
usin	ng kilograms (kg) and grams (g)	
	asure, compare, and add and subtract volume and	
	acity using litres(i) and minilitres (mi)	
Add	l and subtract amounts of money to give change	Dood time to the nearest minute on an analogue close
usin usin tractions (the top number is more than one)	ng both £ and p.	
unit nactions (the top number is more than one)		Compare time in terms of seconds, minutes, and hou
Please note: For unit fractions, children's natural tendency might be to	asure the perimeter of a simple 2d shape	and use the words: o'clock, a.m, p.m, morning,
say that $\frac{1}{2}$ is smaller than $\frac{1}{4}$ as 2 is smaller than 4. Discuss how dividing e.g.	The perimeter of this shape is 14cm.	afternoon, evening, noon and midnight
something into more equal parts makes each part smaller. 4cm	1+4cm+3cm+3cm = 14cm	
Recognise and use diagrams to show equivalent	4	Know the number of seconds in a minute, minutes in
fractions	4 cm	an hour, the number of hours in a day, and how man
Pictorial representation Fraction		days in each month, (including for a leap year)
$\frac{6}{8}=\frac{3}{4}$		Calculate the time taken (durations of events
		TV Destruments - Chart Time - Duration
		TV Programme Start Time Finish Time Duration
Compare and order unit fractions and fractions with		Pals 06:30 07:30
the same denominator (the bottom number)		Dennis the explorer 15:15 18:15
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		The football 12:00 14:00
		An adventure 10:40 12:40
Add and subtract fractions with the same denominator		
(bottom number) with answers no larger than 1		
2, 3, 1		
$-\frac{1}{7}+\frac{1}{7}+\frac{1}{7}=$		
$\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$		

Geometry - Shapes and Lines	Geometry – Angles	Statistics
Draw 2d shapes	Know that angles can be a property of a shape or a	Understand and make bar charts, pictograms and
	description of a turn	tables
Make 3d shape using modelling materials		e.g.
	Recognise a right angle	Bar Charts
Recognise 3d shape sin different orientations and		100
describe them	Know that 2 right angles make a half turn, three right	90-
	angles make a three quarter turn and four make a	80-
Identify horizontal and vortical lines	complete turn	60
		40-
e.g.	Identify if angle are greater than or loss than a right	30
		20-
	angle.	D Man Tues Wed Thurs Fri
	e.g.	
		Pictogram
		Class Booksyead
HORIZONTAL		
		Class Electric Electric Key
	Right angle less than greater than	
Identify pairs of perpendicular and parallel lines		Chart Fill Fill Fill Fill = 5 books
Perpendicular lines meet at a right angle		Class 4 評議 開議 開設 開設
		Tables
		The table shows which sports children play.
Parallel Lines never meet		Whitney Jack Eva Mo Teddy Annie
		Football V V V
		Rugby 🖌 🖌
		Tennis 🗸 🖌 🖌 🗸
		Cricket 🗸 🗸
		Basketball V V V