

Curriculum Map - Year 4						
	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Number Counting Learn Its	Reading Numbers - Step 6 Pg 37 - Read and write 6, 5 & 4 d numbers	Reading Numbers - Step 6 Pg 37 - Read and write 6, 5 & 4 d numbers	Reading Numbers - Step 6 Pg 37 - Read and write 6, 5 & 4 d numbers	Reading Numbers - Step 6 Pg 37 - Read and write 6, 5 & 4 d numbers	Reading Numbers - Step 6 Pg 37 - Read and write 6, 5 & 4 d numbers	Reading Numbers - Step 6 Pg 37 - Read and write 6, 5 & 4 d numbers
	Squiggleworth 4 Pg 48 - Partition 2dp numbers	Squiggleworth 4 Pg 48 - Partition 2dp numbers	Squiggleworth 4 Pg 48 - Partition 2dp numbers	Squiggleworth 4 Pg 48 - Partition 2dp numbers	Squiggleworth Step 4 Pg 48 - Partition 2dp numbers	Squiggleworth Step 4 Pg 48 - Partition 2dp numbers
	Core Numbers - Step 5 Pg 53 - understand 4d numbers	Core Numbers - Step 5 Pg 53 - understand 4d numbers	CORE Numbers - step 6 Pg 54 understand 1dp number Abacus p64	CORE Numbers - step 6 Pg 54 understand 1dp number Abacus p64	Core Numbers - Step 7 Pg 54 - understand 2dp numbers	Core Numbers - Step 7 Pg 54 - understand 2dp numbers
	Counting Multiples Step 7 . 8, 9 - Pg 68 Count in 6, 7 & 9s	Counting Multiples Step 7 . 8, 9 - Pg 68 Count in 6, 7 & 9s	Count Fourways - count in 0.2s, 0.5s, 0.25s	Count Fourways - count in 0.2s, 0.5s, 0.25s	Count Fourways - 1/5s	Count Fourways - 1/5s
	Counting Along (step 3) Pg 90- count along for all the count fourways challenge	Counting Along (step 3) Pg 90- count along for all the count fourways challenge	Counting Along (Step 4) Pg 91 - Count along with number lines	Counting Along (Step 4) Pg 91 - Count along with number lines	Counting Along (Step 4) Pg 91 - Count along with number lines	Counting Along (Step 4) Pg 91 - Count along with number lines
	Learn Its (step 13) Pg 111 - 6,7, 8 times table	Learn Its (step 13) Pg 111 - 6,7, 8 times table	Learn Its (step 14) Pg 112 - 11 times table	Learn Its (step 14) Pg 112 - 11 times table	Learn Its (step 15) Pg 113 - 12 times table	Learn Its (step 15) Pg 113 - 12 times table
Order & compare numbers beyond 1000	Count in multiples of 1000	Identify, represent & estimate numbers using different representations		Read Roman numerals to 100 (I to C) & know that over time, the numeral system changed to include the concept of zero & place value.	Count up & down in hundredths; recognise that hundredths arise when dividing an object by one hundred & dividing tenths by ten	
Count backwards through zero to include negative numbers	Find 1000 more or less than a given number					
Round any number to the nearest 10, 100	Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, & ones)	Round any number to the nearest 10, 100 or 1000		Round any number to the nearest 10, 100 or 1000		
Solve number & practical problems that involve all of the above & with increasingly large positive numbers	Count up & down in hundredths; recognise that hundredths arise when dividing an object by one hundred & dividing tenths by ten	Solve number & practical problems that involve all of the above & with increasingly large positive numbers		Solve number & practical problems that involve all of the above & with increasingly large positive numbers		
It's Nothing New	Adding with PIM Step 3 Pg 140 - Add 1000s	Adding with PIM Step 4 Pg 140 - Add tenths	Adding with PIM Step 4 Pg 140 - Add tenths	Adding with PIM Step 4 Pg 140 - Add tenths	Adding with PIM Step 4 Pg 140 - Add tenths	Adding with PIM Step 4 Pg 140 - Add tenths
	Doubling & Halving - Step 3 Pg 155 1/2 of 300, 500, 700, 900	Doubling & Halving - Step 4 Pg 155 1/2 of 3, 5, 7, 9 as decimals	Doubling & Halving - Step 4 Pg 155 1/2 of 3, 5, 7, 9 as decimals	Doubling & Halving - Step 5 Pg 156 - Halve any 2d number	Doubling & Halving - Step 6 Pg 156 - Halve any 3d number	Doubling & Halving - Step 6 Pg 156 - Halve any 3d number
Calculation Addition & subtraction	Jigsaw Numbers Step 4 Pg 160 - Missing piece to 1000	Jigsaw Numbers Step 4 Pg 160 - Missing piece to 1000	Jigsaw Numbers Step 4 Pg 160 - Missing piece to 1000	Jigsaw Numbers Step 4 Pg 160 - Missing piece to 1000	Jigsaw Numbers Step 4 Pg 160 - Missing piece to 1000	Jigsaw Numbers Step 4 Pg 160 - Missing piece to 1000
	Addition - Pg 255 Step 28 3d + 3d (without crossing)	Addition - Pg 255 Step 29 - any 3d + 3d	Addition - Pg 255 Step 29 - any 3d + 3d	Addition - Pg 259 - Step 30 - any 3d + 3d as money (without crossing)	Addition - Pg 259 - Step 31 - any 3d + 3d as money	Addition - Pg 259 - Step 31 - any 3d + 3d as money
	Estimate & use inverse operations to check answers to a calculation	Estimate & use inverse operations to check answers to a calculation	Estimate & use inverse operations to check answers to a calculation	Estimate & use inverse operations to check answers to a calculation	Estimate & use inverse operations to check answers to a calculation	
	Subtraction Step 29 Pg 308 - subtract with 3d numbers	Subtraction Step 30 - Pg 31- solve any 3d - 2d	Subtraction Step 30 - Pg 31- solve any 3d - 2d	Subtraction Step 30 - Pg 31- solve any 3d - 2d	Subtraction Step 30 - Pg 31- solve any 3d - 2d	
Column Methods Add&Subt	Addition Step 6 Pg 16 any 3d + 3d	Addition Step 7 Pg 17 solve any 4d + 2d/3d	Addition Step 7 Pg 17 solve any 4d + 2d/3d	Addition Step 8 Pg 17 solve any 4d + 4d	Addition Step 8 Pg 17 solve any 4d + 4d	
	Subtraction Step 6 Pg 26 any 4d - 2d/3d	Subtraction Step 6 Pg 26 any 4d - 2d/3d	Subtraction Step 6 Pg 26 any 4d - 2d/3d	Subtraction Step 7 Pg 27 any 4d - 4d	Subtraction Step 7 Pg 27 any 4d - 4d	
	Abacus BK 2 P60 Solve addition & subtraction two-step problems in contexts, deciding which operations & methods to use & why					
Mental Multiplication & Division	x 10 ÷ 10 Step 2 Pg 164 - multiply whole number by 100	x 10 ÷ 10 Step 2 Pg 167 divide whole numbers by 10 or 100 giving decimal answers (Find the effect of dividing a one- or two-digit number by 10 & 100, identifying the value of the digits in the answer as ones, tenths & hundredths )	x 10 ÷ 10 Step 2 Pg 164 - multiply whole number by 100	x 10 ÷ 10 Step 2 Pg 167 divide whole numbers by 10 or 100 giving decimal answers	x 10 ÷ 10 Step 2 Pg 167 divide whole numbers by 10 or 100 giving decimal answers	
	x 10 ÷ 10 Step 1 Pg 167 - ÷divide multiples of 10 by 10					
	Smile Multiplication Step 3 Write smile multiplication fact families					
	Coin Multiplication Step 3 Pg 180 Complete full coin card	Coin Multiplication Step 4 Pg 181 add 2 multiples together	Coin Multiplication Step 4 Pg 181 add 2 multiples together	Coin Multiplication Step 4 Pg 181 add 2 multiples together	Coin Multiplication Step 4 Pg 181 add 2 multiples together	Coin Multiplication Step 4 Pg 181 add 2 multiples together
	Where's Mully? Step 2 Pg 190 - find Mully using 10 lots of times tables facts	Where's Mully? Step 2 Pg 190 - find Mully using 10 lots of times tables facts	Where's Mully? Step 2 Pg 190 - find Mully using 10 lots of times tables facts	Where's Mully? Step 3 - Pg 192 - find Mully using smile	Pom's Word - Step 2 Pg 202 - find factors	
		Where's Mully? Step 2 Pg 190 - find Mully using 10 lots of times tables facts	Pom's Word - Step 1 Pg 202 - find multiples	Pom's Word - Step 2 Pg 202 - find factors	Pom's Word - Step 2 Pg 202 - find factors	
		Fact Families - Step 4 Pg 207 - 1d x 1d fact Recognise & use factor pairs & commutativity in mental calculations				
Calculation Multiplication & Division	Multiplication - Step 12 Pg 345 - 1d x1d for 6,7,8,9	Multiplication - Step 13 Pg 345 - smile multiplication for 6,7,8,9 Ab bk 1 p25,26 x6 and x9	Multiplication - Step 14 Pg 346 - any 1d x2d	Multiplication - Step 14 Pg 346 - any 1d x2d	Multiplication - Step 14 Pg 346 - any 1d x2d multiplying together three numbers	
	Solve problems involving multiplying & adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects					
	Division Step 19 Pg 378 - combine 2 or more table facts to solve division facts with remainders			Division Step 20 Pg 380 - use 6,7,8,9 table facts to find division facts; Step 21 Pg 380 same as step 20 but with remainders	Division Step 22 Pg 381 - use 6,7,8,9 tables to combine 2 or more table facts to solve division Step 23 - same as step 22 but with reminders	
Column Methods Multiplication & Division	Multiplication - Step 1 Pg 33 - solve a 2d x 1d Abacus 2 p19/p63 bk 1 p29/31	Multiplication - Step 2 Pg 34 - solve any 2d x 1d Abacus book 1 p30 - 31 bk 2 p 35	Multiplication - Step 3 Pg 34 - solve any 3d x 1d	Multiplication - Step 3 Pg 34 - solve any 3d x 1d	Multiplication - Step 3 Pg 34 - solve any 3d x 1d	
	Division Step 2 Pg 44 solve 2d÷1d using x2,3,4,5 - no remainders in answer	Division Step 3 Pg 45 solve 2d÷1d using any table with no remainders in answer	Division Step 3 Pg 45 solve 2d÷1d using any table with no remainders in answer	Division Step 4 Pg 45 solve 3d ÷1d using any table with no remainders in answer; Step 5 Pg 45 solve a 4d÷(using any table). No remainders in answer	Division Step 4 Pg 45 solve 3d ÷1d using any table with no remainders in answer; Step 5 Pg 45 solve a 4d÷(using any table). No remainders in answer	
Fractions	Round decimals with one decimal place to the nearest whole number	Solve problems involving increasingly harder fractions to calculate quantities, & fractions to divide quantities, including non-unit fractions where the answer is a whole number Ab bk 1 p53/54 p32	Add & subtract fractions with the same denominator Abacus bk	Round decimals with one decimal place to the nearest whole number	Add & subtract fractions with the same denominator	Recognise & show, using diagrams, families of common equivalent fractions
		Recognise & show, using diagrams, families of common equivalent fractions Ab bk 1 p55/56 p57 decimal equivalents	Recognise & write decimal equivalents of any number of tenths or hundredths	Compare numbers with the same number of decimal places up to two decimal places	Recognise & write decimal equivalents of any number of tenths or hundredths	Solve problems involving increasingly harder fractions to calculate quantities, & fractions to divide quantities, including non-unit fractions where the answer is a whole number.
		Recognise & write decimal equivalents to ¼, ½, ¾		Recognise & write decimal equivalents to ¼, ½, ¾	Solve simple measure & money problems involving fractions & decimals to two decimal places	
Measuring	Identify acute & obtuse angles & compare & order angles up to two right angles by size	Convert between different units of measure [e.g. kilometre to metre; hour to minute] Ab bk 1	Convert between different units of measure ml to lit	Convert between different units of measure [e.g. kilometre to metre; hour to minute]	Solve problems involving increasingly harder fractions to calculate quantities, & fractions to divide quantities, including non-unit fractions where the answer is a whole number.	Convert between different units of measure [e.g. kilometre to metre; hour to minute]
	Compare & classify geometric shapes, including quadrilaterals & triangles, based on their properties & sizes	Estimate, compare & calculate different measures, including money in pounds & pence Abacus bk 2 p62,63,63	grams to Kg Abacus bk 1 p68	Estimate, compare & calculate different measures, including money in pounds & pence	Estimate, compare & calculate different measures, including money in pounds & pence	
	Measure & calculate the perimeter of a rectilinear figure (including squares) in centimetres & metres	Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days	Find Area by counting squares	Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days	Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days	
		Read, write & convert time between analogue & digital 12- & 24-hour clocks Ab bk 1 p33/35 Ab bk 2 p71/72 73		Read, write & convert time between analogue & digital 12- & 24-hour clocks	Read, write & convert time between analogue & digital 12- & 24-hour clocks	
	Ab bk 1 p36					
Geometry	Describe positions on a 2-D grid as coordinates in the first quadrant	Interpret & present discrete & continuous data using appropriate graphical methods, including bar charts & time graphs. Abacus book 1 p 68 1-13	Describe movements between positions as translations of a given unit to the left/right & up/down Abacus Book 3 page 68-69	Plot specified points & draw sides to complete a given polygon	Describe movements between positions as translations of a given unit to the left/right & up/down	Plot specified points & draw sides to complete a given polygon
		Find the area of rectilinear shapes by counting squares		Identify lines of symmetry in 2-D shapes presented in different orientations Abacus book 2 page 38-39	Describe positions on a 2-D grid as coordinates in the first quadrant	Identify lines of symmetry in 2-D shapes presented in different orientations
Geometry				Identify acute & obtuse angles & compare & order angles up to two right angles by size	Interpret & present discrete & continuous data using appropriate graphical methods, including bar charts & time graphs.	
				Complete a simple symmetric figure with respect to a specific line of symmetry	Compare & classify geometric shapes, including quadrilaterals & triangles, based on their properties & sizes	
				Find the area of rectilinear shapes by counting squares		
Statistics			Interpret & present discrete & continuous data using appropriate graphical methods, including bar charts & time graphs.			