<u>Amble Links First School</u> <u>Year 4 Maths - Yearly Overview & Term by Term Objectives</u>



	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
mn 1	Number: Place Value						mn 2	Number: Addition and Subtraction					
Autumn	Geometry: Properties of Shape: Angles			Measurement: Length and Perimeter		Autumn	Geometry: Properties of Shape: Triangles		Measurement: Area				
ng 1	Number: Multiplication and Division						ng 2						
Spring	Geometry: Properties of Shape: Quadrilaterals			Measurement: Money		Spring		etry: Prope pe: Symm			Statistics		
er 1	Number: Fractions						ier 2	Number: Decimals					
Summer	Measurement: Time						Summe		Geome	etry: Positi	on and Dir	ection	

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				Week 5	Week 6		WCCK 1	Week 2	WEEK 3	week 4	week 5	week 6
Order and co Count in mul Find 100 mod Identify, repu Round any n Count backw Read Roman	ompare number tiples of 6, 7, 9 are or less than resent and est umber to the reards through and through an and through an and through and through an and through an and through an another another and through an another another another and through an another another another another and th	of each digit in ers beyond 1000, 25 and 1000 a given number mearest 10, 10 ero to include 00 (I to C) and	oo oer s using differe o or 1000 e negative num	umber nt representa nbers er time, the no	tions	utumn 2	Week 1 Week 2 Week 3 Week 4 Week 5 Week 6 Number: Addition and Subtraction Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate Estimate and use inverse operations to check answers to a calculation Solve addition and subtraction two-step problems in context, deciding which operations and methods to use and why					
Solve number and practical problems that involve all of the above and with increasingly large positive numbers Geometry: Angles Measurement: Length and						AL	Geo	metry: Trian	gles_	<u>Me</u>	asurement: A	<u>vrea</u>
Identify acut	e and obtuse a l order angles	angles and	Measure and	perimeter I calculate the ar figure (inclu	perimeter Iding		Compare and including tria	l classify geom	etric shapes,	Find the area	of rectilinear	
	Count in multiple of the count	Order and compare number Count in multiples of 6, 7, 9 Find 100 more or less than Identify, represent and esti Round any number to the re Count backwards through a Read Roman numerals to 1 system changed to include Solve number and practical increasingly large positive re Geometry: Angle Identify acute and obtuse a	Order and compare numbers beyond 100 Count in multiples of 6, 7, 9, 25 and 1000 Find 100 more or less than a given number lidentify, represent and estimate number Round any number to the nearest 10, 100 Count backwards through zero to include Read Roman numerals to 100 (I to C) and system changed to include the concept of Solve number and practical problems that increasingly large positive numbers Geometry: Angles Identify acute and obtuse angles and compare and order angles up to two	Order and compare numbers beyond 1000 Count in multiples of 6, 7, 9, 25 and 1000 Find 100 more or less than a given number Identify, represent and estimate numbers using differe Round any number to the nearest 10, 100 or 1000 Count backwards through zero to include negative num Read Roman numerals to 100 (I to C) and know that ov system changed to include the concept of zero and place Solve number and practical problems that involve all or increasingly large positive numbers Geometry: Angles Identify acute and obtuse angles and compare and order angles up to two right angles by size Measure and of a rectilines	Count in multiples of 6, 7, 9, 25 and 1000 Find 100 more or less than a given number Identify, represent and estimate numbers using different representations. Round any number to the nearest 10, 100 or 1000 Count backwards through zero to include negative numbers Read Roman numerals to 100 (I to C) and know that over time, the nasystem changed to include the concept of zero and place value Solve number and practical problems that involve all of the above an increasingly large positive numbers Geometry: Angles Measurement: Leng perimeter Identify acute and obtuse angles and compare and order angles up to two right angles by size Measure and calculate the of a rectilinear figure (included)	Order and compare numbers beyond 1000 Count in multiples of 6, 7, 9, 25 and 1000 Find 100 more or less than a given number Identify, represent and estimate numbers using different representations Round any number to the nearest 10, 100 or 1000 Count backwards through zero to include negative numbers Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value Solve number and practical 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(including	Order and compare numbers beyond 1000 Count in multiples of 6, 7, 9, 25 and 1000 Find 100 more or less than a given number Identify, represent and estimate numbers using different representations Round any number to the nearest 10, 100 or 1000 Count backwards through zero to include negative numbers Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value Solve additio operations are compared to the nearest 10, 100 or 1000 Count backwards through zero to include negative numbers Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value Solve additio operations are compared to the nearest 10, 100 or 1000 Count backwards through zero to include negative numbers Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value Solve number and practical 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7, 9, 25 and 1000 Find 100 more or less than a given number Identify, represent and estimate numbers using different representations Round any number to the nearest 10, 100 or 1000 Count backwards through zero to include negative numbers Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value Solve number and practical problems that involve all of the above and with increasingly large positive numbers Geometry: Angles Measurement: Length and perimeter Identify acute and obtuse angles and compare and order angles up to two right angles by size Columnar addition and subtraction where Estimate and use inverse operations to che Solve addition and subtraction two-step properations and methods to use and why operations and methods to use and why oper	Count in multiples of 6, 7, 9, 25 and 1000 Find 100 more or less than a given number lidentify, represent and estimate numbers using different representations Round any number to the nearest 10, 100 or 1000 Count backwards through zero to include negative numbers Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value Solve number and practical problems that involve all of the above and with increasingly large positive numbers Geometry: Angles Measurement: Length and perimeter Identify acute and obtuse angles and compare and order angles up to two right angles by size Columnar addition and subtraction where appropriate Estimate and use inverse operations to check answers to solve addition and subtraction where appropriate Estimate and use inverse operations to check answers to operations and methods to use and why Solve addition and subtraction where appropriate Estimate and use inverse operations to check answers to operations and methods to use and why Solve addition and subtraction where appropriate Estimate and use inverse operations to check answers to operations 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and compare and order angles up to two right angles by size Columnar addition and subtraction where appropriate Estimate and use inverse operations to check answers to a calculation Solve addition and subtraction where appropriate Estimate and use inverse operations to check answers to a calculation solve addition and subtraction where appropriate Estimate and use inverse operations to check answers to a calculation solve addition and subtraction where appropriate Estimate and use inverse operations to check answers to a calculation solve addition and subtraction where appropriate Estimate and use inverse operations to check answers to a calculation solve addition and subtraction two-step problems in context, deciding operations and methods to use and why Count backwards through zero to include negative numbers Beat Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value Solve addition and subtraction two-step 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FIRST SCHOOL

	Number: Multiplic	cation and Division		Number: Multiplication and Division				
	Recall and use multiplication and division fac			Recall and use multiplication and division fact	s for multiplication tables up to 12 x12			
	Use place value, known and derived facts to multiplying by 0 and 1; dividing by 1; multiply			Use place value, known and derived facts to nultiplying by 0 and 1; dividing by 1; multiply				
	Recognise and use factor pairs and commuta	tivity in mental calculations	ing 2	Recognise and use factor pairs and commutativity in mental calculations				
	Multiply 2-digit and 3-digit numbers by a one	e digit number using formal written layout		Multiply 2-digit and 3-digit numbers by a one digit number using formal written layout				
ing 1	Solve problems involving multiplying and add multiply 1-digit numbers by 1-digit, integer so problems such as n objects are connected to	caling problems and harder correspondence		Solve problems involving multiplying and adding, including using the distributive law to multiply 1-digit numbers by 1-digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects				
Spri	Geometry: Quadrilaterals	Measurement: Money	Spr	Geometry: Symmetry	<u>Statistics</u>			
	Compare and classify geometric shapes, including quadrilaterals, based on their properties and sizes	Solve addition and subtraction two- step problems in context, deciding which operations and methods to use and why	3,	Identify lines of symmetry in 2D shapes presented in different orientations Complete a simple symmetric figure with respect to a specific line of symmetry	Interpret and present discrete and continuous data using appropriate graphical methods, including bar charts and time graphs Solve comparison, sum and difference problems using information presented in bar charts, pictograms, tables and other graphs			

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	Number: Fractions		<u>Number: Decimals</u>
	Recognise and show, using diagrams, families of common equivalent fractions		Round decimals with one decimal place to the nearest whole number
	Solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number		Compare numbers with the same number of decimal places up to two decimal places
	Add and subtract fractions with the same denominator		Count up and down in hundredths; recognise that hundredths arise when dividing an object by one hundred and dividing tenths by ten
er 1		Summer 2	Recognise and write decimal equivalents of any number of tenths and hundredths
Ē			Recognise and write decimal equivalents to ¼, ½, ¾
Summe			Find the effect of dividing a one or two digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths
	<u>Measurement: Time</u>		Geometry: Position and Direction
	Convert between different units of measure		Describe positions on a 2D grid as coordinates in the first quadrant
	Read, write and convert time between analogue and digital 12 and 24 hour clocks		Describe movements between positions as translations of a given unit to the
	Solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days		left/right and up/down