Amble Links First School

Year 3 Maths - Yearly Overview & Term by Term Objectives

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Autumn 1	Number: Place Value						Autumn 2	Number: Addition and Subtraction					
	Geometry: Properties of Shape							Measurement: Time					
Spring 1	Number: + and -		Number: Multiplication and Division				Spring 2	Number: Multiplication and Division					
	Statistics							Measurement: Length and Perimeter					
Summer 1	Number: Fractions						Summer 2	Number: Fractions		Number: Investigations			
	Measurement: Mass and Capacity							Measurement: Money					

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	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Autumn 1	Number: Place Value Identify, represent and estimate numbers using different representations Find 10 or 100 more or less than a given number; recognise the place value of each digit in a three digit number (hundreds, tens and ones) Compare and order numbers up to 1000 Read and write numbers up to 1000 in numerals and words Solve number problems and practical problems involving these ideas Count from 0 in multiples of 50 and 100						Autumn 2	Number: Addition and Subtraction Add and subtract numbers mentally, including: a 3-digit number and ones; a 3-digit number and tens; a 3-digit number and hundreds Add and subtract numbers with up to 3-digits, using formal written methods of columnar addition and subtraction Add and subtract numbers mentally, including: a 3-digit number and ones; a 3-digit number and tens; a 3-digit number and hundreds Add and subtract numbers with up to 3-digits, using formal written methods of columnar addition and subtraction Estimate the answer to a calculation and use inverse operations to check answers Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction					

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	Geometry: Properties of Shape Recognise angles as a property of shape or a description of a turn Identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn; identify whether angles are greater than or less than a right angle Draw 2D shapes and make 3D shapes using modelling materials Recognise 3D shapes in different orientations and describe them Identify horizontal and vertical lines and pairs of perpendicular and parallel lines		**Measurement: Time** Tell and write the time from an analogue clock, including using Roman numerals and 12-hour and 24-hour clocks Estimate and read time with increasing accuracy to the nearest minute Tell and write the time from an analogue clock, including using Roman numerals and 12-hour and 24-hour clocks Estimate and read time with increasing accuracy to the nearest minute; Record and compare time in terms of seconds, minutes and hours Compare durations of events
Spring 1	**Number: Multiplication and Division** Recall and use multiplication and division facts for 3, 4 and 8 times tables Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in context Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot	Spring 2	**Number: Multiplication and Division** Recall and use multiplication and division facts for 3, 4 and 8 times tables Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (x), division (÷) and equals (=) signs Solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in context Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot

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	Statistics Interpret and present data using bar charts, pictograms and tables Solve 1-step and 2-step questions (For example, How many more? How many fewer?) Using information presented in scaled bar charts and pictograms and tables.		Measurement: Length and Perimeter Measure, compare, add and subtract lengths (m/cm/mm) Measure the perimeter of simple 2D shapes
Summer 1	Number: Fractions Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators Recognise, find and write fractions of a discrete set of objects: unit fraction and non-unit fractions with small denominators Count up and down in tenths Recognise that tenths arise from dividing an object into 10 equal parts and in dividing 1-digit numbers or quantities of 10 Recognise and show, using diagrams, equivalent fractions with small denominators Add and subtract fractions with the same denominator within one whole Compare and order unit fractions, and fractions with the same denominators Solve problems that involve all of the above	Summer 2	Number: Fractions Recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators Recognise, find and write fractions of a discrete set of objects: unit fraction and non-unit fractions with small denominators Count up and down in tenths Recognise that tenths arise from dividing an object into 10 equal parts and in dividing 1-digit numbers or quantities of 10 Recognise and show, using diagrams, equivalent fractions with small denominators Add and subtract fractions with the same denominator within one whole Compare and order unit fractions, and fractions with the same denominators Solve problems that involve all of the above

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	Measurement: Mass and Capacity		Measurement: Money
	Measure, compare, add and subtract volume/capacity (l/ml) Measure, compare, add and subtract mass (kg/g)		Add and subtract amounts of money to give change, using both £ and p in practical contexts.