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 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number: Place Value			Number: Addition and Subtraction						Number: Multiplication and Division		
Spring	Number: Multiplication and Division			Measurement: Money	Statistics		Measurement: Length and Perimeter			Number: Fractions		Consolidation
Summer	Number: Fractions			Measurement: Time			Geometry: Properties of Shape			Measurement: Mass and Capacity		Consolidation

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Autumn

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

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

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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Spring	Number: Multiplication and Division	Money	Statistics	Measurement: Length and Perimeter	Number: Fractions	Consolidation
	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	Add and subtract amounts of money to give change, using both £ and p in practical contexts.	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.	Measure, compare, add and subtract lengths (m/cm/mm) Measure the perimeter of simple 2D shapes	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	

Summer

Number: Fractions

Recognise, find and write fractions of a discrete set of objects: unit fraction and non-unit fractions with small denominators

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

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

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: Mass and Capacity

Measure, compare, add and subtract volume/capacity (l/ml)

Measure, compare, add and subtract mass (kg/g)

Consolidation