Curriculum Maps for KS1 & 2 2019- 2020

The maths learning journey at Chase Lane will see many topics repeated and revisted; each time the learning opportunities will become progressively more challenging and facilitate a deeper understanding.

	Autumn Term		Spring Term		Summer Term	
	1	2	1	2	1	2
Year 1	• Counting • Addition and subtraction to 5 or more • Addition totals to 10 • Properties of shape • Addition and subtraction to 10	• Counting and number order • Place value and comparing quantities and numbers • Developing mental strategies for addition • Subtraction as difference • Measures • Addition and subtraction using money	• Counting, reading and writing number patterns. • Doubles and near doubles. • Grouping and sharing • Fractions • Measures including time • Additon and subtraction to 15	• Counting and place value • Additon and subtraction beyond totals of 10 • Grouping and sharing • Shape, position and movement • Measuring and time • Addition and subtraction to 20	• Additon totals to 10 • Additon and subtraction to 20 • Fractions • Multiplication and division • Measuring • Moving and turning	• Number and place value • Additon and subtraction • Fractions • Multiplication and division • Time using standard units • Shape and Pattern
Year 2	• Number and place value: counting, reading and writing 2-digit numbers • Addition: concrete, visual and number facts • Subtraction: concrete, visual and number facts • Multiplication and	• Number and place value: comparing, ordering two-digit numbers and knowing their place value • Addition and subtraction: using recall of addition and subtraction facts and mental	• Number and place value: estimating, counting and comparing quantities • Addition and subtraction: using recall of addition and subtraction facts and mental calculation	• Number and place value: counting, reading and writing 2-digit numbers • Addition: concrete, visual and number facts • Subtraction: concrete, visual and number facts • Multiplication and	• Number and place value: estimating, counting and comparing quantities • Addition and subtraction: using recall of addition and subtraction facts and mental calculation	• Number and place value: counting, reading and writing 2-digit numbers • Addition: concrete, visual and number facts • Subtraction: concrete, visual and number facts • Multiplication and

	division: repeated addition and repeated subtraction • Geometry: properties of 2D and 3D shapes • Measures: length, mass, capacity, money	calculation strategies • Multiplication and division: repeated addition and subtraction, arrays, grouping and using times tables facts • Fractions: finding fractions of quantities, shapes and sets of objects • Geometry: position, direction, motion • Measures: time • Data: solving problems that involve collecting data in tallies, tables and pictograms	strategies • Addition and subtraction: using partitioning and counting on strategies • Multiplication and division: repeated addition and subtraction, arrays, grouping and using times tables facts • Geometry: properties of 3D and 2D shapes • Measures: length, mass, capacity and money	division: repeated addition and repeated subtraction • Geometry: properties of 3D and 2D shapes • Measures: length, mass, capacity, money	strategies • Addition and subtraction: using partitioning and counting on strategies • Multiplication and division: repeated addition and subtraction, arrays, grouping and using times tables facts • Geometry: properties of 3D and 2D shape • Measures: length, mass, capacity and money	division: repeated addition and repeated subtraction • Geometry: properties of 3D and 2D shape • Measures: length, mass, capacity, money
Year 3	• Reading, writing and ordering 2 and 3 digit numbers • Counting and estimating • Number facts to 20 and to 100 • Addition and subtraction of 1 and 2 digit numbers • Multiplication and division facts • Measuring using mm, cm and metres • Recognising, describing and	• Counting and estimating • Addition and subtraction of two and three digit numbers, using a number line and columns • Multiplication and division: doubling, halving and TO x O • Fractions: representing, comparing and ordering unit fractions of shapes	• Number, place value and rounding • Use partitioning to add and subtract two-digit numbers • Multiplication and division: multiplying one-digit numbers by multiples of 10 • Multiplication and division: practical and informal written methods	• Addition and subtraction of two-digit numbers using columns • Multiplication and division: multiplying by multiples of 10, and dividing with remainders • Multiplication and division: multiplying and dividing larger number • Measuring using grams and kilograms • Fractions:	• Read, write, order and round 2 and 3 digit numbers • Multiplication and division problems • Addition and subtraction of 3-digit numbers and 1s, 10s and 100s • Addition and subtraction of 2 and 3 digit numbers using columns • Shape: identifying horizontal, vertical	• Addition and Subtraction of 2 and 3 digit numbers • Multiplication and Division problems: Written Methods • Short multiplication and division • Fractions • Time • Statistics

	making 2D and 3D shapes	and numbers • Read and write time to 5 minute intervals • Read, present and interpret pictograms and tables	• Measures: adding and subtracting money • Recognising and drawing right angles in 2D shapes	representing, comparing and ordering unit and non-unit fractions of shapes and numbers • Read and interpret bar charts and using scales	and curved lines • Measuring using millilitres and litres	
Year 4	• Number, place value and rounding • Mental addition and subtraction • Multiplication • Multiplication and division • Geometry: properties of shapes • Measures	• Mental and written addition and subtraction • Multiplication • Multiplication and division • Fractions • Geometry • Data handling and time	• Number, place value and rounding • Mental and written addition and subtraction • Mental and written multiplication • Mental and written division • Fractions • Fractions and decimals	• Mental calculation • Written addition and subtraction • Time • Written multiplication and division • Geometry • Data handling and measurement	• Place value • Mental addition, subtraction and measures (use measures as a context for problems) • Written addition, subtraction and measures • Mental and written multiplication and division • Fractions • Area and perimeter • Shapes and capacity	• Mental Calculations • Measures • Written addition and subtraction • Mental and written multiplication and division • 2D shape, angles and coordinates • Statistics
Year 5	• Place value to 1,000,000 • Mental addition and subtraction • Factors of numbers and prime numbers • Using multiplication	• Written methods for multiplication • Divide 4-digit numbers • Fractions and decimals: tenths and hundredths	• Negative numbers, and solving problems involving numbers • Addition and subtraction of large numbers	• Addition and subtraction: mental and written methods for large numbers. • Multiplication and division: written	• Negative numbers and Roman Numerals • Adding and subtracting large and small numbers	• Addition and Subtraction of money • Multiplication and Division of money • Problems involving percentages

	and division facts • Angles • Length, perimeter and area	• Decimals: tenths, hundredths, thousandths • 2D and 3D shapes • Tables and bar charts	and money • Long multiplication, square numbers and cube numbers • Adding and subtracting fractions • Reflections and translations • Mass	methods • Calculating with fractions • Percentages • Capacity • Line graphs/ comparative graphs	• Long multiplication and division with remainders • Fractions • Diagonals and problems involving angles • Volume, time and money	• Perimeter and area scale drawing • Using tables and line graphs
Year 6	• Place value and rounding off • Mental and written addition and subtraction of large numbers • Multiples, factors and prime numbers • Written methods for multiplication and division: HTO × TO and HTO × O • Circles and angles • Units of measure	• Written methods for multiplication and division • Comparing, ordering and simplifying fractions • Multiplying decimals by 10, 100 and 1000 • Order of operations • 2D and 3D shapes • Pie charts	• Negative numbers, and solving problems involving numbers • Mental and written addition and subtraction of decimals and money • Calculating with fractions • Reflections and translations on coordinate axes • Perimeter, area and volume	• Calculating with large numbers • Multiplying and dividing decimals • Percentages, decimals and fractions • Simple formulae • Area and volume • Line graphs	• Problems involving number • Adding and subtracting large and small numbers • Long multiplication and division • Working with fractions • Problems involving percentages, fractions and decimals • Ratio and proportion	• Solving problems involving money • Number puzzles • Fractions with different denominators • Problems involving percentages and decimals • Problems involving measures • Using data