



**Kennington C.E. Academy**

A member of Aquila, the Diocese of Canterbury Academies Trust



*We are an Inclusive Community where Christian values empower us. With God's guidance we work with pride and passion to create life-long learners who fulfil their potential. If we work together, we will be the very best that we can be: achieving, celebrating and succeeding whilst having fun*

# Long Term Planning

## Mathematics

Year 3

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
<b>Autumn</b>	<b>Place Value</b>			<b>Addition and subtraction</b>					<b>Multiplication and division</b>			
	<b>Recap</b> Represent numbers to 100			Add and subtract multiples of 100					Multiplication - equal groups			
	<b>Recap</b> Tens and ones using addition			<b>Recap</b> Add and subtracts 1s					<b>Recap</b> Multiplication using the symbol			
	Hundreds			Add and subtract 3-digit and 1-digit numbers - not crossing 10					<b>Recap</b> Using arrays			
	Numbers to 1,000			<b>Recap</b> Add a 2-digit and 1-digit number - crossing 10					<b>Recap</b> 2 times-table			
	<b>Activity</b> Numbers to 1,000 on a place value grid			<b>Recap</b> Add 3-digit and 1-digit numbers - crossing 10					<b>Recap</b> 5 times-table			
	100s, 10s and 1s (1)			<b>Recap</b> Subtract a 1-digit number from 2-digits - crossing 10					<b>Recap</b> Make equal groups - sharing			
	100s, 10s and 1s (2)			Subtract a 1-digit number from a 3-digit number - crossing 10					<b>Recap</b> Make equal groups - grouping			
	<b>Recap</b> Number line to 100			Add and subtract 3-digit and 2-digit numbers - not crossing 100					<b>Recap</b> Divide by 2			
	Number line to 1,000			Add 3-digit and 2-digit numbers - crossing 100					<b>Recap</b> Divide by 5			
	Find 1, 10, 100 more or less			Subtract a 2-digit number from a 3-digit number - crossing 100					<b>Recap</b> Divide by 10			
	Compare objects			Add and subtract 100s					Multiply by 3			
	Compare numbers			Spot the pattern - making it explicit					Divide by 3			
	Order numbers			<b>Recap</b> Add two 2-digit numbers - crossing 10 - add ones & add tens					The 3 times-table			
	Count in 50s			<b>Recap</b> Subtract a 2-digit number from a 2-digit number - crossing 10 - subtract ones & subtract tens					Multiply by 4			
				<b>New content</b> Mixed addition and subtraction problems					Divide by 4			
									The 4 times-table			
								Multiply by 8				

Maths Long Term Plan

		<p>Add and subtract 2-digit and 3-digit numbers - not crossing 10 or 100</p> <p>Add 2-digit and 3-digit numbers - crossing 10 or 100</p> <p>Subtract a 2-digit number from a 3-digit numbers - crossing 10 or 100</p> <p>Add two 3-digit numbers - not crossing 10 or 100</p> <p>Add two 3-digit numbers - crossing 10 or 100</p> <p>Subtract a 3-digit number from a 3-digit number - no exchange</p> <p>Subtract a 3-digit number from a 3-digit number - exchange</p> <p>Estimate answers to calculations</p> <p>Check answers</p>	<p>Divide by 8</p> <p>The 8 times-table</p>			
<b>Spring</b>	<b>Multiplication and division</b>	<b>Money</b>	<b>Statistics</b>	<b>Length and perimeter</b>	<b>Fractions</b>	<b>Consolidation</b>
	<b>Recap</b> Consolidate 2, 4 and 8 times-table (new worksheet)	<b>Recap</b> Count money (pence)	<b>Recap</b> Make tally charts	Measure length	<b>Recap Activity</b> Working with wholes and parts	
	Comparing statements	<b>Recap</b> Count money (pounds)	<b>Recap</b> Draw pictograms (2, 5 and 10)	<b>Recap</b> Measure length (m)	<b>Recap</b> Make equal parts	
	Related calculations	Pounds and pence	<b>Recap</b> Interpret pictograms (2, 5 and 10)	Equivalent lengths - m & cm	<b>Recap</b> Recognise a half	
	<b>Activity</b> Multiply 2-digits by 1-digit - no exchange	Convert pounds and pence	Pictograms (use for extra consolidation if needed)	Equivalent lengths - mm & cm	<b>Recap</b> Find a half	
	Multiply 2-digits by 1-digit (1)	Add money		<b>Recap</b> Compare lengths	<b>Recap</b> Recognise a quarter	
	<b>Activity</b> Multiply 2-digits by 1-digit - exchange	Subtract money		Compare lengths	<b>Recap</b> Find a quarter	
Multiply 2-digits by 1-digit (2)			Add lengths	<b>Recap</b> Recognise a third		
			Subtract lengths	<b>Recap</b> Find a third		

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	<p>Divide 2-digits by 1-digit (1)</p> <p>Divide 2-digits by 1-digit (2)</p> <p><b>Activity</b> Divide 100 into 2, 4, 5 and 10 equal parts</p> <p><b>Activity</b> Divide with remainders</p> <p>Divide 2-digits by 1-digit (3)</p> <p>Scaling</p> <p>How many ways?</p>	<p>Give change</p>	<p><b>Activity</b> Draw bar charts</p> <p>Bar charts</p> <p>Tables</p>	<p><b>Activity</b> What is perimeter?</p> <p>Measure perimeter</p> <p>Calculate perimeter</p> <p><b>Activity</b> Calculate perimeter activity</p>	<p><b>Recap</b> Unit fractions</p> <p><b>Recap</b> Non-unit fractions</p> <p>Unit and non-unit fractions (use for consolidation if needed)</p> <p><b>Recap</b> Equivalence of a half and 2 quarters</p> <p><b>Recap</b> Count in fractions</p>	
	<b>Fractions</b>	<b>Time</b>	<b>Properties of shape</b>	<b>Mass and Capacity</b>	<b>Consolidation</b>	
<b>Summer</b>	Making the whole	<b>Recap</b> O'clock and half past	Turns and angles	<b>Activity</b> Measure mass		
	Tenths	<b>Recap</b> Quarter past and quarter to	Right angles in shapes	<b>Recap</b> Compare mass		
	Count in tenths	Months and years	Compare angles	Measure mass (1)		
	Tenths as decimals	Hours in a day	Draw accurately	Measure mass (2)		
	Fractions on a number line	Telling the time to 5 minutes	Horizontal and vertical	Compare mass		
	Fractions of a set of objects (1)	Telling the time to the minute	Parallel and perpendicular	Add and subtract mass		
	Fractions of a set of objects (2)	Using a.m. and p.m.	Recognise and describe 2-D shapes	<b>Activity</b> Measure capacity		
	Fractions of a set of objects (3)	<b>Activity</b> 24-hour clock	Recognise and describe 3-D shapes	<b>Recap</b> Compare volume		
	Equivalent fractions (1)	24-hour clock		Measure capacity (1)		
	Equivalent fractions (2)	Finding the duration		Measure capacity (2)		

## Maths Long Term Plan

	Equivalent fractions (3) Compare fractions Order fractions Add fractions Subtract fractions	Comparing durations Start and end times Measuring time in seconds Problem solving with time	Make 3-D shapes	Compare capacity Add and subtract capacity <b>Activity</b> Temperature activity <b>Recap</b> Temperature	
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Year 4

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
<b>Autumn</b>	<b>Place value</b>				<b>Addition and subtraction</b>			<b>Length and perimeter</b>	<b>Multiplication and division</b>			
	<b>Recap</b> Numbers to 1,000				Add and subtract 1s, 10s, 100s and 1,000s			<b>Recap</b> Equivalent lengths - m and cm	Multiply by 10			
	<b>Recap</b> 100s, 10s and 1s (1)				<b>Recap</b> Add two 3-digit numbers - not crossing 10 or 100			<b>Recap</b> Equivalent lengths - mm and cm	Multiply by 100			
	<b>Recap</b> Number line to 1,000				Add two 4-digit numbers - no exchange			Kilometres	Divide by 10			
	Round to the nearest 10				<b>Recap</b> Add two 3-digit numbers - crossing 10 or 100			<b>Recap</b> Add lengths	Divide by 100			
	Round to the nearest 100				Add two 4-digit numbers - one exchange			<b>Recap</b> Subtract lengths	Multiply by 1 and 0			
	Count in 1,000s				Add two 4-digit numbers - more than one exchange			<b>Recap</b> Measure perimeter	Divide by 1 and itself			
	<b>Activity</b> Represent numbers to 10,000				<b>Recap</b> Subtract a 3-digit number from a 3-digit number - no exchange			Perimeter on a grid	<b>Recap</b> Multiply and divide by 3			
	1,000s, 100s, 10s and 1s				Subtract two 4-digit numbers - no exchange			Perimeter of a rectangle	<b>Recap</b> The 3 times-table			
	Partitioning				<b>Recap</b> Subtract a 3-digit number from a 3-digit number - exchange			Perimeter of rectilinear shapes	Multiply and divide by 6			
	The number line to 10,000				Subtract two 4-digit numbers - one exchange				6 times-table and division facts			
	<b>Recap</b> Find 1, 10, 100 more or less				Subtract two 4-digit numbers - more than one exchange				Multiply and divide by 9			
	1,000 more or less								9 times-table and division facts			
	Compare 4-digit numbers								Multiply and divide by 7			
	Order numbers								7 times-table and division facts			
	Round to the nearest 1,000											
	Count in 25s											
<b>Activity</b> Introducing negative numbers												

Maths Long Term Plan

	Negative numbers Roman numerals		Efficient subtraction Estimate answers Checking strategies		
<b>Spring</b>	<b>Multiplication and division</b>	<b>Area</b>	<b>Fractions</b>	<b>Decimals</b>	<b>Consolidation</b>
	11 and 12 times-table	What is area?	<b>Recap</b> Unit and non-unit fractions	<b>Activity</b> Tenths and hundredths	
	Multiply 3 numbers	Counting squares	What is a fraction?	Recognise tenths and hundredths	
	Factor pairs	Making shapes	<b>Recap</b> Tenths	Tenths as decimals	
	Efficient multiplication	Comparing area	<b>Recap</b> Count in tenths	Tenths on a place value grid	
	Written methods		<b>Recap</b> Equivalent fractions (1)	Tenths on a number line	
	<b>Recap</b> Multiply 2-digits by 1-digit		<b>Recap</b> Equivalent fractions (2)	Divide 1-digit by 10	
	Multiply 2-digits by 1-digit		Equivalent fractions (1)	Divide 2-digits by 10	
	Multiply 3-digits by 1-digit		Equivalent fractions (2)	Hundredths	
	<b>Recap</b> Divide 2-digits by 1-digit (2)		Fractions greater than 1	Hundredths as decimals	
	Divide 2-digits by 1-digit (1)		Count in fractions	Hundredths on a place value grid	
	<b>Recap</b> Divide 2-digits by 1-digit (3)		<b>Recap</b> Add fractions	Divide 1 or 2-digits by 100	
	Divide 2-digits by 1-digit (2)		Add 2 or more fractions		
	Divide 3-digits by 1-digit		<b>Recap</b> Subtract fractions		
Correspondence problems		Subtract 2 fractions Subtract from whole amounts			

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			<p><b>Recap</b> Fractions of a set of objects (1)</p> <p><b>Recap</b> Fractions of a set of objects (2)</p> <p>Calculate fractions of a quantity</p> <p>Problem solving - calculate quantities</p>				
<b>Summer</b>	<b>Decimals</b>	<b>Money</b>	<b>Time</b>	<b>Statistics</b>	<b>Properties of shape</b>	<b>Position and direction</b>	<b>Consolidation</b>
	<p><b>Recap</b> Bonds to 10 and 100 (Worksheet 1)</p> <p><b>Recap</b> Bonds to 10 and 100 (Worksheet 2)</p> <p>Make a whole</p> <p><b>Activity</b> Write decimals</p> <p>Write decimals</p> <p>Compare decimals</p> <p>Order decimals</p> <p><b>Activity</b> Round decimals</p> <p>Round decimals</p> <p>Halves and quarters</p>	<p>Pounds and pence</p> <p>Ordering money</p> <p>Estimating money</p> <p><b>Recap</b> Convert pounds and pence</p> <p><b>Recap</b> Add money</p> <p><b>Recap</b> Subtract money</p> <p><b>Recap</b> Give change</p> <p><b>Activity</b> Working with money</p> <p>Four operations</p>	<p><b>Recap</b> Telling the time to 5 minutes</p> <p><b>Recap</b> Telling the time to the minute</p> <p><b>Recap</b> Using a.m. and p.m.</p> <p><b>Recap</b> 24-hour clock</p> <p>Hours, minutes and seconds</p> <p>Years, months, weeks and days</p> <p><b>Activity</b> Analogue to digital (first part of worksheet)</p> <p>Analogue to digital - 12 hour (second part of worksheet)</p> <p>Analogue to digital - 24 hour</p>	<p>Interpret charts</p> <p>Comparison, sum and difference</p> <p>Introducing line graphs</p> <p>Line graphs</p>	<p><b>Recap</b> Turns and angles</p> <p><b>Recap</b> Right angles in shapes</p> <p><b>Recap</b> Compare angles</p> <p>Identify angles</p> <p>Compare and order angles</p> <p><b>Recap</b> Recognise and describe 2-D shapes</p> <p><b>Activity</b> Triangles</p> <p>Triangles</p> <p><b>Activity</b> Quadrilaterals</p> <p>Quadrilaterals</p> <p><b>Activity</b> Symmetry</p> <p><b>Recap</b> Horizontal and Vertical</p>	<p>Describe position</p> <p>Draw on a grid</p> <p>Move on a grid</p> <p>Describe movement on a grid</p>	

Maths Long Term Plan

					Lines of symmetry Complete a symmetric figure		
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Year 5

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
	Place value			Addition and subtraction		Statistics		Multiplication and division			Perimeter and area	
Autumn	<p><b>Recap</b> 1,000s, 100s, 10s and 1s</p> <p>Numbers to 10,000</p> <p><b>Recap</b> Rounding to the nearest 10</p> <p><b>Recap</b> Rounding to the nearest 100</p> <p>Rounding to 10, 100 and 1,000</p> <p>Numbers to 100,000</p> <p>Compare and order numbers to 100,000</p> <p>Round numbers within 100,000</p> <p>Numbers to a million</p> <p>Counting in 10s, 100s, 1,000s, 10,000s and 100,000s</p> <p>Compare and order numbers to one million</p> <p>Round numbers to one million</p> <p>Negative numbers</p> <p>Roman numerals</p>			<p><b>Recap</b> Add two 4-digit numbers - one exchange</p> <p><b>Recap</b> Add two 4-digit numbers - more than one exchange</p> <p>Add whole numbers with more than 4 digits (column method)</p> <p><b>Recap</b> Subtract two 4-digit numbers - one exchange</p> <p><b>Recap</b> Subtract two 4-digit numbers - more than one exchange</p> <p>Subtract whole numbers with more than 4 digits (column method)</p> <p>Round to estimate and approximate</p> <p>Inverse operations (addition and subtraction)</p>		<p><b>Recap</b> Interpret charts</p> <p><b>Recap</b> Comparison, sum and difference</p> <p><b>Recap</b> Introduce line graphs</p> <p>Read and interpret line graphs</p> <p>Draw line graphs</p> <p>Use line graphs to solve problems</p> <p>Read and interpret tables</p> <p>Two-way tables</p> <p>Timetables</p>		<p>Multiples</p> <p>Factors</p> <p>Common factors</p> <p><b>Activity</b> Prime numbers</p> <p>Prime numbers</p> <p>Square numbers</p> <p>Cube numbers</p> <p><b>Recap</b> Multiply by 10</p> <p><b>Recap</b> Multiply by 100</p> <p>Multiply by 10, 100 and 1,000</p> <p><b>Recap</b> Divide by 10</p> <p><b>Recap</b> Divide by 100</p> <p>Divide by 10, 100 and 1,000</p> <p>Multiples of 10, 100 and 1,000</p>			<p>Measure perimeter</p> <p><b>Recap</b> Perimeter on a grid</p> <p><b>Recap</b> Perimeter of rectangles</p> <p><b>Recap</b> Perimeter of rectilinear shapes</p> <p>Calculate perimeter</p> <p><b>Recap</b> Counting squares</p> <p>Area of rectangles</p> <p>Area of compound shapes</p> <p>Area of irregular shapes</p>	

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		Multi-step addition and subtraction problems			
<b>Spring</b>	<b>Multiplication and division</b>	<b>Fractions</b>		<b>Decimals and percentage</b>	<b>Consolidation</b>
	<b>Recap</b> Multiply 2-digits by 1-digit	<b>Recap</b> What is a fraction?		Decimals up to 2 d.p.	
	<b>Recap</b> Multiply 3-digits by 1-digit	<b>Recap</b> Equivalent fractions		Decimals as fractions (1)	
	Multiply 4-digits by 1-digit	Equivalent fractions		Decimals as fractions (2)	
	Multiply 2-digits (area model) - first part of worksheet	<b>Recap</b> Fractions greater than 1		Understand thousandths	
	Multiply 2-digits (area model) - second part of worksheet	Improper fractions to mixed numbers		Thousandths as decimals	
	Multiply 2-digits by 2-digits	Mixed numbers to improper fractions		Rounding decimals	
	Multiply 3-digits by 2-digits	Number sequences		Order and compare decimals	
	<b>New content</b> Multiply 4-digits by 2-digits (basic practice)	Compare and order fractions less than 1 (first part of worksheet)		Understand percentages	
	Multiply 4-digits by 2-digits	Compare and order fractions less than 1 (second part of worksheet)		Percentages as fractions and decimals	
	<b>Recap</b> Divide 2-digits by 1-digit (1)	Compare and order fractions greater than 1 (first part of worksheet)		Equivalent F.D.P	
	<b>Recap</b> Divide 2-digits by 1-digit (2)	Compare and order fractions greater than 1 (second part of worksheet)			
	<b>Recap</b> Divide 3-digits by 1-digit	Add and subtract fractions			
	Divide 4-digits by 1-digit	<b>Activity</b> Add fractions within 1			
	Divide with remainders	Add fractions within 1			
		Add 3 or more fractions			

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		<p>Add fractions</p> <p><b>Activity</b> Add mixed numbers</p> <p>Add mixed numbers</p> <p>Subtract fractions</p> <p>Subtract mixed numbers</p> <p>Subtraction - breaking the whole</p> <p>Subtract 2 mixed numbers</p> <p>Multiply unit fractions by an integer</p> <p>Multiply non-unit fractions by an integer</p> <p>Multiply mixed numbers by integers</p> <p><b>Recap</b> Calculate fractions of a quantity</p> <p>Fraction of an amount</p> <p>Using fractions as operators</p> <p><b>New content</b> Fraction problem solving</p>				
<b>Summer</b>	<b>Consolidation</b>	<b>Decimals</b>	<b>Properties of shape</b>	<b>Position and direction</b>	<b>Converting units</b>	<b>Volume</b>
		<p>Adding decimals within 1</p> <p>Subtracting decimals within 1</p>	<p><b>Recap</b> Identify angles</p> <p><b>Recap</b> Compare and order angles</p>	<p><b>Recap</b> Describe position</p> <p><b>Recap</b> Draw on a grid</p>	<p><b>Recap</b> Kilometres</p> <p>Kilograms and kilometres</p>	<p>What is volume?</p>

Maths Long Term Plan

	<p>Complements to 1</p> <p>Adding decimals - crossing the whole</p> <p>Adding decimals with the same number of decimal places</p> <p>Subtracting decimals with the same number of decimal places</p> <p><b>New content</b> Adding and subtracting decimals with the same number of decimal places problem solving</p> <p>Adding decimals with a different number of decimal places</p> <p>Subtracting decimals with a different number of decimal places</p> <p><b>New content</b> Adding and subtracting decimals with a different number of decimal places problem solving</p> <p>Adding and subtracting wholes and decimals</p> <p>Decimal sequences</p> <p>Multiplying decimals by 10, 100 and 1,000</p> <p>Dividing decimals by 10, 100 and 1,000</p>	<p>Measuring angles in degrees</p> <p>Measuring with a protractor (1)</p> <p>Measuring with a protractor (2)</p> <p><b>Activity</b> Drawing lines and angles accurately</p> <p>Drawing lines and angles accurately</p> <p>Calculating angles on a straight line</p> <p>Calculating angles around a point</p> <p><b>Recap</b> Triangles</p> <p><b>Recap</b> Quadrilaterals</p> <p>Calculating lengths and angles in shapes</p> <p>Regular and irregular polygons</p> <p>Reasoning about 3-D shapes</p>	<p>Position in the first quadrant</p> <p>Translation</p> <p>Translation with coordinates</p> <p><b>Recap</b> Line of symmetry</p> <p><b>Recap</b> Complete a symmetric figure</p> <p>Reflection</p> <p>Reflection with coordinates</p>	<p>Millimetres and millilitres</p> <p><b>Activity</b> Metric units</p> <p>Metric units</p> <p><b>Activity</b> Imperial units</p> <p>Imperial units</p> <p>Converting units of time</p> <p>Timetables</p>	<p>Compare volume</p> <p>Estimate volume</p> <p>Estimate capacity</p>
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# Maths Long Term Plan

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Year 6

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
	<b>Place value</b>		<b>Addition, subtraction, multiplication and division</b>					<b>Fractions</b>				<b>Consolidation</b>
<b>Autumn</b>	<b>Recap</b> Numbers to 10,000		<b>Recap</b> Add whole numbers with more than 4 digits (column method)					<b>Recap</b> Equivalent fractions				
	<b>Recap</b> Numbers to 100,000		<b>Recap</b> Subtract whole numbers with more than 4 digits (column method)					Simplify fractions				
	<b>Recap</b> Numbers to a million		<b>Recap</b> Inverse operations (addition and subtraction)					<b>Recap</b> Improper fractions to mixed numbers				
	Numbers to 10 million		<b>Recap</b> Multi-step addition and subtraction problems					Fractions on a number line				
	Compare and order any numbers		Add and subtract integers					Compare and order (denominator)				
	<b>Recap</b> Round numbers to 10, 100 and 1,000		<b>Recap</b> Multiply 4-digits by 1-digit					Compare and order (numerator)				
	Round any number		<b>Recap</b> Multiply 2-digits (area model)					Add and subtract fractions (1)				
	<b>Activity</b> Negative numbers		<b>Recap</b> Multiply 2-digits by 2-digits					<b>Activity</b> Add and subtract fractions activity (denominators are not multiples)				
	Negative numbers		<b>Recap</b> Multiply 3-digits by 2-digits					Add and subtract fractions (2)				
			Multiply up to a 4-digit number by a 2-digit number					<b>Recap</b> Add mixed numbers				
			<b>Recap</b> Divide 4-digits by 1-digit					Add fractions				
			<b>Recap</b> Divide with remainders					<b>Recap</b> Subtract mixed numbers				
		Short division					Subtract fractions					
		Division using factors					Mixed addition and subtraction					
		Long division (1)					Multiply fractions by integers					
		Long division (2)										

Maths Long Term Plan

		<p>Long division (3)</p> <p>Long division (4)</p> <p><b>Recap</b> Factors</p> <p>Common factors</p> <p>Common multiples</p> <p>Primes to 100</p> <p>Squares and cubes</p> <p>Order of operations</p> <p>Mental calculations and estimation</p> <p>Reason from known facts</p>			<p>Multiply fractions by fractions</p> <p>Divide fractions by integers (1)</p> <p>Divide fractions by integers (2)</p> <p>Four rules with fractions</p> <p>Fraction of an amount</p> <p>Fraction of an amount - find the whole</p>		
	<b>Decimals</b>	<b>Percentages</b>	<b>Algebra</b>	<b>Converting units</b>	<b>Perimeter, area and volume</b>	<b>Ratio</b>	<b>Consolidation</b>
<b>Spring</b>	<p><b>Recap</b> Decimals up to 2 d.p.</p> <p><b>Recap</b> Understand thousandths</p> <p>Three decimal places</p> <p>Multiply by 10, 100 and 1,000</p> <p>Divide by 10, 100 and 1,000</p>	<p><b>Recap</b> Understand percentages</p> <p>Fractions to percentages</p> <p>Equivalent FDP</p> <p>Order FDP</p> <p>Percentage of an amount (1)</p>	<p>Find a rule - one step</p> <p>Find a rule - two step</p> <p>Forming expressions</p> <p>Substitution</p> <p>Formulae</p> <p>Forming equations</p> <p>Solve simple one-step equations</p>	<p>Metric measures</p> <p>Convert metric measures</p> <p>Calculate with metric measures</p> <p>Miles and kilometres</p>	<p>Shapes - same area</p> <p>Area and perimeter</p> <p>Area of a triangle (1)</p> <p>Area of a triangle (2)</p> <p>Area of a triangle (3)</p> <p>Area of a parallelogram</p>	<p>Use ratio language</p> <p>Ratio and fractions</p> <p>Introducing the ratio symbol</p> <p><b>Activity</b> Calculating ratio</p> <p>Calculating ratio</p> <p>Using scale factors</p>	

Maths Long Term Plan

	<p>Multiply decimals by integers</p> <p>Divide decimals by integers</p> <p>Division to solve problems</p> <p>Decimals as fractions</p> <p>Fractions to decimals (1)</p> <p>Fractions to decimals (2)</p>	<p>Percentage of an amount (2)</p> <p>Percentages - missing values</p>	<p>Solve two-step equations</p> <p>Find pairs of values (1)</p> <p>Find pairs of values (2)</p>	<p>Imperial measures</p>	<p><b>Recap</b> What is volume?</p> <p>Volume - counting cubes</p> <p>Volume of a cuboid</p>	<p>Calculating scale factors</p> <p>Ratio and proportion problems</p> <p><b>New content</b> Ratio and proportion problems (2)</p>	
	<b>Statistics</b>	<b>Properties of shape</b>	<b>Consolidation and themed projects</b>				
	<p>Read and interpret line graphs</p> <p>Draw line graphs</p> <p>Use line graphs to solve problems</p> <p>Circles</p> <p>Read and interpret pie charts</p> <p>Pie charts with percentages</p> <p>Draw pie charts</p> <p><b>Activity</b> The mean</p>	<p>Measure with a protractor</p> <p><b>Recap</b> Draw lines and angles accurately</p> <p>Introduce angles</p> <p><b>Recap</b> Angles on a straight line</p> <p><b>Recap</b> Angles around a point</p> <p>Calculate angles</p> <p>Vertically opposite angles</p> <p>Angles in a triangle</p> <p>Angles in a triangle - special cases</p>					

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	The mean	Angles in a triangle - missing angles Angles in special quadrilaterals Angles in regular polygons Draw shapes accurately Draw nets of 3-D shapes	
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