

	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	<p><b>Place Value</b></p> <ul style="list-style-type: none"> <li>Sort Objects</li> <li>Count Objects</li> <li>Count objects from a larger group               <ul style="list-style-type: none"> <li>Represent objects</li> </ul> </li> <li>Recognise numbers as words</li> <li>Count on from any number               <ul style="list-style-type: none"> <li>1 more/1 less</li> </ul> </li> <li>Count backwards within 10</li> <li>Compare groups by matching               <ul style="list-style-type: none"> <li>Fewer/More/Same</li> </ul> </li> <li>Less than/Greater than/Equal to               <ul style="list-style-type: none"> <li>Compare numbers</li> </ul> </li> <li>Order objects and numbers               <ul style="list-style-type: none"> <li>The number line</li> </ul> </li> </ul>					<p><b>Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>Introduce parts and wholes               <ul style="list-style-type: none"> <li>Part-whole model</li> </ul> </li> <li>Write number sentences</li> <li>Fact Families-addition facts               <ul style="list-style-type: none"> <li>Number bonds within 10</li> </ul> </li> <li>Systematic number bonds within 10               <ul style="list-style-type: none"> <li>Number bonds to 10</li> <li>Addition- add together</li> <li>Addition- add more</li> <li>Addition problems                   <ul style="list-style-type: none"> <li>Find a part</li> </ul> </li> <li>Subtraction- find a part</li> <li>Subtraction- take away/cross out</li> <li>Subtraction- take away (How many left?)                   <ul style="list-style-type: none"> <li>Subtraction on a number line</li> <li>Add or subtract 1 or 2</li> </ul> </li> </ul> </li> </ul>					<p><b>Shape</b></p> <ul style="list-style-type: none"> <li>Recognise and name 3-D shapes               <ul style="list-style-type: none"> <li>Sort 3-D shapes</li> </ul> </li> <li>Recognise and name 2-D shapes               <ul style="list-style-type: none"> <li>Sort 2-D shapes</li> </ul> </li> <li>Patterns with 2-D and 3-D shapes</li> </ul>			
Spring	<p><b>Place Value</b></p> <ul style="list-style-type: none"> <li>Count within 20               <ul style="list-style-type: none"> <li>Understand 10</li> </ul> </li> <li>Understand 11,12 and 13</li> <li>Understand 14,15 and 16</li> <li>Understand 17,18 ,19 and 20               <ul style="list-style-type: none"> <li>1 more and 1 less</li> <li>The number line to 20</li> <li>Use a number line to 10</li> </ul> </li> <li>Estimate on a number line to 20               <ul style="list-style-type: none"> <li>Compare numbers to 20</li> <li>Order number to 20</li> </ul> </li> </ul>			<p><b>Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>Add by counting on within 20</li> <li>Add one using number bonds</li> <li>Find and make number bonds to 20               <ul style="list-style-type: none"> <li>Doubles</li> <li>Near Doubles</li> </ul> </li> <li>Subtract ones using number bonds               <ul style="list-style-type: none"> <li>Subtraction-counting back</li> </ul> </li> <li>Subtraction- finding the difference               <ul style="list-style-type: none"> <li>Related Facts</li> </ul> </li> <li>Missing number problems</li> </ul>			<p><b>Place Value</b></p> <ul style="list-style-type: none"> <li>Count from 20 to 50               <ul style="list-style-type: none"> <li>20,30,40 and 50</li> </ul> </li> <li>Count by making groups of ten</li> <li>Groups of tens and ones</li> <li>Partition into tens and ones</li> <li>The number line to 50</li> <li>Estimate on a number line to 50               <ul style="list-style-type: none"> <li>1 more, 1 less</li> </ul> </li> </ul>		<p><b>Length and Height</b></p> <ul style="list-style-type: none"> <li>Compare lengths and heights</li> <li>Measure length using objects</li> <li>Measure length in centimetres</li> </ul>		<p><b>Mass and Volume</b></p> <ul style="list-style-type: none"> <li>Heavier and Lighter</li> <li>Measure Mass</li> <li>Compare Mass</li> <li>Full and Empty</li> <li>Compare Volume</li> <li>Measure Capacity</li> <li>Compare Capacity</li> </ul>			
Summer	<p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>Count in 2s</li> <li>Count in 10s</li> <li>Count in 5s</li> <li>Recognise equal groups               <ul style="list-style-type: none"> <li>Add equal groups                   <ul style="list-style-type: none"> <li>Make arrays</li> <li>Make Doubles</li> </ul> </li> <li>Make equal groups-grouping</li> <li>Make equal groups- sharing</li> </ul> </li> </ul>			<p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>Recognise a half of an object or a shape</li> <li>Find half of an object or a shape</li> <li>Recognise a half of a quantity.               <ul style="list-style-type: none"> <li>Find a half of a quantity</li> </ul> </li> <li>Recognise/ Find a quarter of an object or a shape</li> <li>Recognise/Find a quarter of a quantity</li> </ul>			<p><b>Position and Direction</b></p> <ul style="list-style-type: none"> <li>Describe turns</li> <li>Describe position- left and right</li> <li>Describe position- forwards and backwards</li> <li>Describe position- above and below               <ul style="list-style-type: none"> <li>Ordinal Numbers</li> </ul> </li> </ul>		<p><b>Place Value</b></p> <ul style="list-style-type: none"> <li>Count from 50-100               <ul style="list-style-type: none"> <li>Tens to 100</li> </ul> </li> <li>Partition into tens and ones               <ul style="list-style-type: none"> <li>The number line to 100                   <ul style="list-style-type: none"> <li>1 more, 1 less</li> </ul> </li> </ul> </li> <li>Compare numbers with the same number of tens</li> <li>Compare any two numbers</li> </ul>		<p><b>Money</b></p> <ul style="list-style-type: none"> <li>Unitising</li> <li>Recognise coins</li> <li>Recognise notes</li> <li>Count in coins</li> </ul>		<p><b>Time</b></p> <ul style="list-style-type: none"> <li>Before and After</li> <li>Days of the week</li> <li>Months of the year</li> <li>Hours, minutes and seconds               <ul style="list-style-type: none"> <li>Tell the time to the hour</li> <li>Tell the time to the half hour</li> </ul> </li> </ul>	

	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>	<p><b>Place Value</b></p> <ul style="list-style-type: none"> <li>Numbers to 20</li> <li>Count objects to 100 by making 10s               <ul style="list-style-type: none"> <li>Recognise tens and ones</li> <li>Partition numbers to 100</li> </ul> </li> <li>Write numbers to 100 in words</li> <li>Flexibly partition numbers to 100</li> <li>10s on the number line to 100</li> <li>Estimate numbers on a number line               <ul style="list-style-type: none"> <li>Compare objects/numbers</li> <li>Order objects and numbers</li> <li>Count in 2s, 5s, and 10s                   <ul style="list-style-type: none"> <li>Count in 3s</li> </ul> </li> </ul> </li> </ul>				<p><b>Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>Bonds to 10</li> <li>Fact Families- addition and subtraction bonds within 20               <ul style="list-style-type: none"> <li>Bonds to 100 (tens)</li> <li>Add and Subtract 1s</li> <li>Add by making 10</li> <li>Add three 1-digit numbers                   <ul style="list-style-type: none"> <li>Add to the next 10</li> <li>Add across a 10</li> </ul> </li> <li>Subtract across 10/Subtract from a 10</li> </ul> </li> <li>Subtract a 1-digit number from a 2-digit number               <ul style="list-style-type: none"> <li>10 more/10 less</li> <li>Add and Subtract 10s</li> </ul> </li> <li>Add two 2-digit numbers (across and not across 10)               <ul style="list-style-type: none"> <li>Subtract two 2-digit numbers</li> <li>Compare number sentences</li> <li>Missing number problems</li> </ul> </li> </ul>				<p><b>Shape</b></p> <ul style="list-style-type: none"> <li>Recognise 2-D and 3-D shapes</li> <li>Count sides of a 2-D shapes</li> <li>Count vertices on 2-D shapes               <ul style="list-style-type: none"> <li>Draw 2-D shapes</li> <li>Lines of symmetry on shapes</li> </ul> </li> <li>Use lines of symmetry to complete shapes               <ul style="list-style-type: none"> <li>Sort 2-D shapes</li> </ul> </li> <li>Count faces/edges/vertices on 3-D shapes               <ul style="list-style-type: none"> <li>Sort 3-D shapes</li> </ul> </li> <li>Make patterns with 2-D and 3-D shapes</li> </ul>			
<b>Spring</b>	<p><b>Money</b></p> <ul style="list-style-type: none"> <li>Count money-pence</li> <li>Count money- pounds</li> <li>Count money-pounds and pence</li> <li>Choose notes and coins</li> <li>Make the same amount</li> <li>Compare amounts of money               <ul style="list-style-type: none"> <li>Make a pound</li> <li>Find change</li> </ul> </li> </ul>		<p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>Recognise equal groups               <ul style="list-style-type: none"> <li>Make equal groups</li> <li>Add equal groups</li> </ul> </li> <li>Multiplication sentences               <ul style="list-style-type: none"> <li>Use arrays</li> </ul> </li> <li>Make equal groups- grouping/sharing               <ul style="list-style-type: none"> <li>The 2 times-table/ Divide by 2                   <ul style="list-style-type: none"> <li>Doubling and Halving</li> <li>Odd and even numbers</li> </ul> </li> <li>The 10 times-table/Divide by 10</li> <li>The 5 times-table/ Divide by 5</li> </ul> </li> </ul>				<p><b>Length and Height</b></p> <ul style="list-style-type: none"> <li>Measure in cm</li> <li>Measure in m</li> <li>Compare lengths and heights</li> <li>Order lengths and heights</li> <li>Four operations with lengths and heights</li> </ul>		<p><b>Mass, Capacity and Temperature</b></p> <ul style="list-style-type: none"> <li>Compare Mass</li> <li>Measure in grams and kilograms               <ul style="list-style-type: none"> <li>Four operations with mass</li> </ul> </li> <li>Compare volume and capacity               <ul style="list-style-type: none"> <li>Measure in ml/l</li> </ul> </li> <li>Four operations with volume and capacity               <ul style="list-style-type: none"> <li>Temperature</li> </ul> </li> </ul>			
<b>Summer</b>	<p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>Introduction to parts and whole               <ul style="list-style-type: none"> <li>Equal and unequal parts</li> </ul> </li> <li>Recognise a half/ Find a half</li> <li>Recognise a quarter/Find a quarter</li> <li>Recognise a third/find a third               <ul style="list-style-type: none"> <li>Find the whole</li> <li>Unit fractions</li> <li>Non-unit fractions</li> </ul> </li> <li>Recognise the equivalence of a half and two quarters</li> <li>Recognise three-quarters/Find three-quarters               <ul style="list-style-type: none"> <li>Count in fractions up to a whole</li> </ul> </li> </ul>				<p><b>Time</b></p> <ul style="list-style-type: none"> <li>Tell the time to 5 minutes</li> <li>Minutes in an hour</li> <li>Hours in a day</li> </ul>		<p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>Make tally charts               <ul style="list-style-type: none"> <li>Tables</li> </ul> </li> <li>Block diagrams</li> <li>Draw pictograms</li> <li>Interpret pictograms</li> <li>Draw pictograms</li> <li>Interpret pictograms</li> </ul>		<p><b>Position and Direction</b></p> <ul style="list-style-type: none"> <li>Language of position</li> <li>Describe movement               <ul style="list-style-type: none"> <li>Describe turns</li> </ul> </li> <li>Describe movement and turns</li> <li>Shape patterns with turns</li> </ul>		<b>Consolidation</b>	

	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	<p><b>Place Value</b></p> <ul style="list-style-type: none"> <li>Represent/Partition numbers to 100               <ul style="list-style-type: none"> <li>Number line to 100</li> </ul> </li> <li>Represent/Partition numbers to 1000</li> <li>Flexible partitioning of numbers to 1000               <ul style="list-style-type: none"> <li>Hundreds, tens and ones</li> <li>Find 1, 10 or 100 more or less                   <ul style="list-style-type: none"> <li>Number line to 1000</li> </ul> </li> </ul> </li> <li>Compare and order numbers to 1000               <ul style="list-style-type: none"> <li>Count in 50s</li> </ul> </li> </ul>			<p><b>Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>Apply number bonds within 10               <ul style="list-style-type: none"> <li>Add/Subtract 1s</li> <li>Add/Subtract 10s</li> <li>Add/Subtract 100s</li> <li>Add 1s across a 10</li> <li>Add 10s across 100</li> <li>Subtract 1s across a 10</li> <li>Subtract 10s across a 100</li> <li>Make connections</li> </ul> </li> <li>Add two numbers (across a 10 and a 100)</li> <li>Subtract numbers (across a 10 and a 100)               <ul style="list-style-type: none"> <li>Add 2-digit and 3-digit numbers</li> </ul> </li> <li>Subtract a 2-digit number from a 3-digit number               <ul style="list-style-type: none"> <li>Inverse operations</li> </ul> </li> </ul>				<p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>Multiplication-equal groups               <ul style="list-style-type: none"> <li>Multiples of 2</li> <li>Multiples of 5 and 10</li> </ul> </li> <li>Sharing and Grouping</li> <li>Multiply and Divide by 3</li> <li>The three times table</li> <li>Multiply and Divide by 4               <ul style="list-style-type: none"> <li>The 4 times-table</li> </ul> </li> <li>Multiply and Divide by 8               <ul style="list-style-type: none"> <li>The 8 times-table</li> </ul> </li> </ul>				
Spring	<p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>Multiple of 10</li> <li>Related calculations</li> <li>Multiply a 2-digit number by a 1-digit number- no exchange/with exchange.               <ul style="list-style-type: none"> <li>Link multiplication and division</li> </ul> </li> <li>Divide a 2-digit number by 1-digit number (no exchange/exchange)</li> <li>Divide a 2-digit number by a 1-digit number- with remainders               <ul style="list-style-type: none"> <li>Scaling</li> </ul> </li> </ul>			<p><b>Length and Perimeter</b></p> <ul style="list-style-type: none"> <li>Measure on metres and centimetres               <ul style="list-style-type: none"> <li>Measure in mm and cm</li> </ul> </li> <li>Equivalent lengths (m-cm and cm-mm)               <ul style="list-style-type: none"> <li>Compare lengths</li> <li>Add lengths</li> <li>Subtract lengths</li> <li>What is perimeter</li> <li>Measure perimeter</li> <li>Calculate perimeter</li> </ul> </li> </ul>			<p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>Understand the denominators of unit fractions</li> <li>Compare and order unit fractions</li> <li>Understand the numerators of non-unit fractions</li> <li>Understand the whole</li> <li>Compare and order non-unit fractions               <ul style="list-style-type: none"> <li>Fractions and scales</li> <li>Fractions on a number line</li> <li>Count in fractions</li> <li>Equivalent fraction</li> </ul> </li> </ul>			<p><b>Mass and Capacity</b></p> <ul style="list-style-type: none"> <li>Use scales</li> <li>Measure mass in grams and kilograms               <ul style="list-style-type: none"> <li>Equivalent masses</li> <li>Compare mass</li> <li>Add and subtract mass</li> </ul> </li> <li>Measure capacity and volume in ml and in l</li> <li>Equivalent capacities and volumes (ml and L)               <ul style="list-style-type: none"> <li>Compare capacity and volume</li> <li>Add and subtract capacity and volume</li> </ul> </li> </ul>		
Summer	<p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>Add fractions</li> <li>Subtract fractions</li> <li>Partition the whole</li> <li>Unit fractions of a set of objects</li> <li>Non-unit fractions of a set of objects</li> <li>Reasoning with fractions of an amount</li> </ul>		<p><b>Money</b></p> <ul style="list-style-type: none"> <li>Pounds and Pence</li> <li>Convert pounds and pence               <ul style="list-style-type: none"> <li>Add money</li> <li>Subtract money</li> <li>Find change</li> </ul> </li> </ul>		<p><b>Time</b></p> <ul style="list-style-type: none"> <li>Roman Numerals to 12</li> <li>Tell the time to 5 mins</li> <li>Tell the time to the minute</li> <li>Read time on a digital clock.               <ul style="list-style-type: none"> <li>Use am and pm</li> </ul> </li> <li>Years, months and days               <ul style="list-style-type: none"> <li>Days and hours</li> <li>Hours and minutes</li> <li>Minutes and seconds</li> <li>Units of time</li> </ul> </li> </ul>			<p><b>Shape</b></p> <ul style="list-style-type: none"> <li>Turns and angles               <ul style="list-style-type: none"> <li>Right angles</li> <li>Compare angles</li> </ul> </li> <li>Measure and draw accurately.               <ul style="list-style-type: none"> <li>Horizontal and vertical</li> </ul> </li> <li>Parallel and perpendicular</li> <li>Recognise and describe 2-D shapes               <ul style="list-style-type: none"> <li>Draw polygons</li> </ul> </li> <li>Recognise and describe 3-D shapes</li> </ul>		<p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>Interpret pictograms</li> <li>Draw pictograms</li> <li>Interpret bar charts.               <ul style="list-style-type: none"> <li>Draw bar charts</li> </ul> </li> <li>Collect and represent data               <ul style="list-style-type: none"> <li>Two-way tables</li> </ul> </li> </ul>		<b>Consolidation</b>

	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	<p><b>Place Value</b></p> <ul style="list-style-type: none"> <li>Represent numbers to 1,000</li> <li>Partition numbers to 1,000               <ul style="list-style-type: none"> <li>Number line to 1,000</li> <li>Thousands</li> </ul> </li> <li>Represent/Partition numbers to 10,000</li> <li>Find 1,10,100,1000 more or less</li> <li>Estimate on a number line to 10,000</li> <li>Compare/Order numbers to 10,000               <ul style="list-style-type: none"> <li>Roman Numerals</li> </ul> </li> <li>Round to the nearest 10,100,1000</li> </ul>				<p><b>Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>Add and subtract 1s, 10s, 100s, 1000s</li> <li>Add up to two 4-digit number - no exchange/one exchange/more than one exchange.               <ul style="list-style-type: none"> <li>Efficient Subtraction</li> <li>Estimate answers</li> <li>Checking strategies</li> </ul> </li> </ul>			<p><b>Area</b></p> <ul style="list-style-type: none"> <li>What is area?</li> <li>Count Squares</li> <li>Make shapes</li> <li>Compare Areas</li> </ul>		<p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>Multiples of 3</li> <li>Multiply and Divide by: 6,9,7</li> <li>Times-Table Division Facts - 6,9,7,11,13 times tables.               <ul style="list-style-type: none"> <li>Multiply by 1 and 0</li> </ul> </li> <li>Divide a number by 1 and itself               <ul style="list-style-type: none"> <li>Multiply three numbers</li> </ul> </li> </ul>			
Spring	<p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>Factor pairs               <ul style="list-style-type: none"> <li>Use factor pairs</li> </ul> </li> <li>Multiply by 10 and 100</li> <li>Divide by 10 and 100</li> <li>Related Facts - multiplication and division</li> <li>Multiply a 2-digit number by a 1-digit number</li> <li>Multiply a 3-digit number by a 1-digit number</li> <li>Divide a 2-digit number by a 1-digit number</li> </ul>			<p><b>Length and Perimeter</b></p> <ul style="list-style-type: none"> <li>Measure in kilometres and metres               <ul style="list-style-type: none"> <li>Equivalent lengths</li> <li>Perimeter on a grid</li> <li>Perimeter of a rectangle</li> </ul> </li> <li>Perimeter of rectilinear shapes</li> <li>Calculate the perimeter of rectilinear shapes</li> <li>Perimeter of regular polygons</li> <li>Perimeter of polygons</li> </ul>		<p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>Understand the whole               <ul style="list-style-type: none"> <li>Partition a mixed number</li> </ul> </li> <li>Number line with mixed numbers</li> <li>Compare and order mixed numbers               <ul style="list-style-type: none"> <li>Understand improper fractions</li> </ul> </li> <li>Convert mixed number to improper fractions</li> <li>Covert improper fractions to mixed numbers</li> <li>Equivalent fractions on a number line               <ul style="list-style-type: none"> <li>Equivalent fraction families</li> <li>Add two or more fractions</li> </ul> </li> <li>Add fractions and mixed numbers               <ul style="list-style-type: none"> <li>Subtract two fractions</li> <li>Subtract from whole amounts</li> </ul> </li> </ul>			<p><b>Decimals</b></p> <ul style="list-style-type: none"> <li>Tenths as fractions</li> <li>Tenths as decimals</li> <li>Tenths on a place value chart/number line               <ul style="list-style-type: none"> <li>Divide a 1-digit number by 10</li> <li>Divide a 2-digit number by 10                   <ul style="list-style-type: none"> <li>Hundredths as fractions</li> <li>Hundredths as decimals</li> </ul> </li> <li>Hundredths on a place value chart</li> </ul> </li> <li>Divide a 1- or 2- digit number by 100</li> </ul>				
Summer	<p><b>Decimals</b></p> <ul style="list-style-type: none"> <li>Make a whole with tenths</li> <li>Make a whole with hundredths               <ul style="list-style-type: none"> <li>Partition decimals</li> <li>Flexibly partition decimals</li> <li>Compare decimals</li> <li>Order Decimals</li> </ul> </li> <li>Round to the nearest whole number</li> <li>Halves and quarters as decimals</li> </ul>		<p><b>Money</b></p> <ul style="list-style-type: none"> <li>Write money using decimals</li> <li>Convert between pounds and pence</li> <li>Compare amounts of money               <ul style="list-style-type: none"> <li>Estimate with money</li> <li>Calculate with money</li> </ul> </li> <li>Solve problems with money</li> </ul>		<p><b>Time</b></p> <ul style="list-style-type: none"> <li>Years Months, Weeks and Days</li> <li>Hours, Minutes and Seconds</li> <li>Convert between analogue and digital times</li> <li>Convert to the 24-hour clock</li> <li>Convert from the 24-hour clock</li> </ul>		<p><b>Shape</b></p> <ul style="list-style-type: none"> <li>Understand angles as turns               <ul style="list-style-type: none"> <li>Identify Angles</li> </ul> </li> <li>Compare and Order angles               <ul style="list-style-type: none"> <li>Triangles</li> <li>Quadrilaterals</li> <li>Polygons</li> <li>Lines of symmetry</li> </ul> </li> <li>Compare a symmetric figure</li> </ul>		<p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>Interpret Charts</li> <li>Comparison, sum and difference</li> <li>Interpret line graphs</li> <li>Draw line graphs</li> </ul>		<p><b>Position and Direction</b></p> <ul style="list-style-type: none"> <li>Describe position using coordinates               <ul style="list-style-type: none"> <li>Plot coordinates</li> </ul> </li> <li>Draw 2-D shapes on a grid               <ul style="list-style-type: none"> <li>Translate on a grid</li> </ul> </li> <li>Describe translation on a grid</li> </ul>		

	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>	<p><b>Place Value</b></p> <ul style="list-style-type: none"> <li>Roman numerals to 1,000</li> <li>Numbers to 10,000, 100,000 and 1,000,000</li> <li>Read and write numbers to 1,000,000               <ul style="list-style-type: none"> <li>Powers of 10</li> </ul> </li> <li>Partition numbers to 1,000,000</li> <li>Compare and order to 1,000,000</li> <li>Round to the nearest 10, 100 or 1,000               <ul style="list-style-type: none"> <li>Round within 100,000</li> <li>Round within 1,000,000</li> </ul> </li> </ul>			<p><b>Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>Mental Strategies</li> <li>Add whole numbers with more than four digits.</li> <li>Subtract whole numbers with more than four digits.</li> <li>Round to check answers               <ul style="list-style-type: none"> <li>Inverse operations</li> <li>Multi-step problems</li> </ul> </li> <li>Compare Calculations</li> <li>Find missing numbers</li> </ul>			<p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>Multiples               <ul style="list-style-type: none"> <li>Common Multiples                   <ul style="list-style-type: none"> <li>Factors</li> </ul> </li> <li>Common Factors</li> <li>Prime Numbers</li> <li>Square Numbers                   <ul style="list-style-type: none"> <li>Cube Numbers</li> </ul> </li> </ul> </li> <li>Multiply by 10, 100 and 1000</li> <li>Divide by 10, 100 and 1000</li> <li>Multiples of 10, 100 and 1000</li> </ul>			<p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>Find fraction equivalents to a unit fraction</li> <li>Find fractions equivalent to non-unit fractions               <ul style="list-style-type: none"> <li>Recognise equivalent fractions</li> </ul> </li> <li>Covert improper fractions to mixed numbers</li> <li>Convert mixed numbers to improper fractions               <ul style="list-style-type: none"> <li>Compare fractions less than 1</li> <li>Order fractions less than 1</li> </ul> </li> <li>Compare and order fractions greater than 1</li> <li>Add and Subtract fractions with the same denominator               <ul style="list-style-type: none"> <li>Add fractions (within 1 and greater than 1)                   <ul style="list-style-type: none"> <li>Add two mixed numbers</li> <li>Subtract fractions</li> </ul> </li> <li>Subtract from a mixed number</li> </ul> </li> </ul>					
<b>Spring</b>	<p><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>Multiply up to a 4-digit number by a 1-digit number</li> <li>Multiply a 2-digit number by a 2-digit number (area model)               <ul style="list-style-type: none"> <li>Multiply a 4-digit by 2-digit number                   <ul style="list-style-type: none"> <li>Short Division</li> </ul> </li> </ul> </li> <li>Divide a 4-digit number by a 1-digit number               <ul style="list-style-type: none"> <li>Divide with remainders</li> <li>Efficient division</li> </ul> </li> <li>Solve problems with multiplication and division</li> </ul>			<p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>Multiply a unit fraction by an integer</li> <li>Multiply a non-unit fraction by an integer</li> <li>Multiply a mixed number by an integer</li> <li>Calculate a fraction of a quantity               <ul style="list-style-type: none"> <li>Fraction of an amount                   <ul style="list-style-type: none"> <li>Find the whole</li> </ul> </li> </ul> </li> <li>Use fractions as operators</li> </ul>			<p><b>Decimals and Percentages</b></p> <ul style="list-style-type: none"> <li>Decimals up to 2 decimal places</li> <li>Equivalent fractions and decimals (tenths)</li> <li>Equivalent fractions and decimals (hundredths)               <ul style="list-style-type: none"> <li>Equivalent fractions and decimals                   <ul style="list-style-type: none"> <li>Thousandths as fractions</li> <li>Thousandths as decimals</li> </ul> </li> <li>Thousandths on a place value chart</li> </ul> </li> <li>Order and compare decimals               <ul style="list-style-type: none"> <li>Round to the nearest whole number                   <ul style="list-style-type: none"> <li>Round to 1 decimal place</li> </ul> </li> <li>Understand percentages</li> </ul> </li> <li>Percentages as fractions and decimals</li> </ul>			<p><b>Perimeter and Area</b></p> <ul style="list-style-type: none"> <li>Perimeter of rectangles</li> <li>Perimeter of rectilinear shapes</li> <li>Perimeter of polygons               <ul style="list-style-type: none"> <li>Area of rectangles</li> </ul> </li> <li>Area of compound shapes</li> <li>Estimate areas</li> </ul>		<p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>Draw line graphs</li> <li>Read and interpret line graphs</li> <li>Read and interpret tables               <ul style="list-style-type: none"> <li>Two-way tables</li> </ul> </li> <li>Read and interpret timetables</li> </ul>			
<b>Summer</b>	<p><b>Shape</b></p> <ul style="list-style-type: none"> <li>Understand and use degrees               <ul style="list-style-type: none"> <li>Classify angles</li> <li>Estimate angles</li> </ul> </li> <li>Measure angles up to 180</li> <li>Draw lines and angles accurately</li> <li>Calculate angles around a point</li> <li>Calculate angles on a straight line               <ul style="list-style-type: none"> <li>Lengths and angles in shapes</li> </ul> </li> <li>Regular and irregular polygons               <ul style="list-style-type: none"> <li>3-D shapes</li> </ul> </li> </ul>			<p><b>Position and Direction</b></p> <ul style="list-style-type: none"> <li>Read and plot coordinates</li> <li>Problem Solving with coordinates               <ul style="list-style-type: none"> <li>Translation</li> </ul> </li> <li>Translation with coordinates               <ul style="list-style-type: none"> <li>Lines of symmetry</li> </ul> </li> <li>Reflection in horizontal and vertical lines</li> </ul>			<p><b>Decimals</b></p> <ul style="list-style-type: none"> <li>Use known facts to add and subtract decimals within 1               <ul style="list-style-type: none"> <li>Add and subtract decimals across 1</li> </ul> </li> <li>Add/Subtract decimals with the same number of decimal places</li> <li>Add/Subtract decimals with different numbers of decimal places               <ul style="list-style-type: none"> <li>Decimal sequences                   <ul style="list-style-type: none"> <li>Multiply/Divide by 10, 100 and 1000</li> </ul> </li> </ul> </li> <li>Multiply and divide decimals-missing values</li> </ul>			<p><b>Negative Numbers</b></p> <ul style="list-style-type: none"> <li>Understand negative numbers</li> <li>Count through zero in 1s</li> <li>Counting through zeros in multiples</li> <li>Compare and order negative numbers</li> <li>Find the difference</li> </ul>		<p><b>Converting Units</b></p> <ul style="list-style-type: none"> <li>Kilograms and Kilometres</li> <li>Millimetres and Millilitres</li> <li>Convert units of length</li> <li>Convert between metric and imperial units               <ul style="list-style-type: none"> <li>Convert units of time</li> </ul> </li> <li>Calculate with timetables</li> </ul>		<p><b>Volume</b></p> <ul style="list-style-type: none"> <li>Cubic centimetres</li> <li>Compare volume</li> <li>Estimate volume</li> <li>Estimate capacity</li> </ul>	

	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	<p><b>Place Value</b></p> <ul style="list-style-type: none"> <li>Numbers to 1,000,000</li> <li>Numbers to 10,000,000</li> <li>Read and write numbers to 10,000,000               <ul style="list-style-type: none"> <li>Powers of 10</li> </ul> </li> <li>Compare and order any integers               <ul style="list-style-type: none"> <li>Round any integer</li> <li>Negative Numbers</li> </ul> </li> </ul>		<p><b>Addition, Subtraction, Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>Add and Subtract Integers</li> <li>Common Factors/Common Multiples               <ul style="list-style-type: none"> <li>Rules of divisibility</li> <li>Primes to 100</li> <li>Square and Cube Numbers</li> </ul> </li> <li>Multiply up to a 4-digit number by a 2-digit number               <ul style="list-style-type: none"> <li>Short Division/Division using factors</li> </ul> </li> <li>Long Division/ Long Division with remainders               <ul style="list-style-type: none"> <li>Solve multi-step problems</li> <li>Order of operations</li> </ul> </li> </ul>					<p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>Equivalent fractions and simplifying</li> <li>Equivalent fractions on a number line</li> <li>Compare and Order (denominator and numerator)               <ul style="list-style-type: none"> <li>Add and subtract any fractions</li> <li>Add/Subtract mixed numbers</li> <li>Multiplying fractions by integers</li> <li>Multiply fractions by fractions</li> <li>Divide a fraction by an integer</li> <li>Mixed questions with fractions                   <ul style="list-style-type: none"> <li>Fraction of an amount</li> </ul> </li> <li>Fraction of an amount- find the whole</li> </ul> </li> </ul>			<p><b>Converting Units</b></p> <ul style="list-style-type: none"> <li>Metric measures</li> <li>Convert metric measures</li> <li>Calculate with metric measures</li> <li>Miles and Kilometres</li> <li>Imperial Measures</li> </ul>	
Spring	<p><b>Ratio</b></p> <ul style="list-style-type: none"> <li>Use ratio language</li> <li>Ration and Fractions               <ul style="list-style-type: none"> <li>Scale Drawings</li> <li>Use scale factors</li> <li>Similar shapes</li> </ul> </li> <li>Ratio/Proportion Problems               <ul style="list-style-type: none"> <li>Recipes</li> </ul> </li> </ul>		<p><b>Algebra</b></p> <ul style="list-style-type: none"> <li>1/2 step function machines               <ul style="list-style-type: none"> <li>Form Expressions                   <ul style="list-style-type: none"> <li>Substitution</li> <li>Formulae</li> </ul> </li> <li>Solving Equations</li> <li>Find pairs of values</li> </ul> </li> </ul>		<p><b>Decimals</b></p> <ul style="list-style-type: none"> <li>Place Value-integers and decimals</li> <li>Add and Subtract decimals</li> <li>Multiply/Divide by 10,100 and 1000               <ul style="list-style-type: none"> <li>Multiply by integers</li> <li>Divide by integers</li> </ul> </li> </ul>		<p><b>Fractions, Decimals and Percentages</b></p> <ul style="list-style-type: none"> <li>Decimal and fraction equivalents</li> <li>Fractions as divisions</li> <li>Understand percentages.</li> <li>Fractions to percentages</li> <li>Equivalent Fractions, decimals and percentages</li> <li>Order fractions decimals and percentages</li> <li>Percentage of amounts one step/multi step</li> </ul>		<p><b>Area, Perimeter and Volume</b></p> <ul style="list-style-type: none"> <li>Shapes- same area</li> <li>Area and perimeter</li> <li>Area of a triangle - counting squares, right angles and formulas               <ul style="list-style-type: none"> <li>Area of parallelogram</li> </ul> </li> <li>Volume- counting cubes</li> <li>Volume of a cuboid</li> </ul>		<p><b>Statistics</b></p> <ul style="list-style-type: none"> <li>Line Graphs</li> <li>Dual Bar Charts</li> <li>Read and interpret pie charts</li> <li>Pie Chart with percentages               <ul style="list-style-type: none"> <li>Draw pie charts</li> <li>The mean</li> </ul> </li> </ul>	
Summer	<p><b>Shape</b></p> <ul style="list-style-type: none"> <li>Measure and classify angles               <ul style="list-style-type: none"> <li>Calculate Angles</li> <li>Vertically opposite angles</li> <li>Angles in a triangle</li> </ul> </li> <li>Angles in a triangle- missing angles               <ul style="list-style-type: none"> <li>Angles in quadrilaterals</li> <li>Angles in polygons</li> <li>Circles</li> </ul> </li> <li>Draw shapes accurately</li> <li>Nets of 3-D shapes</li> </ul>			<p><b>Position and Direction</b></p> <ul style="list-style-type: none"> <li>Read and plot points in four quadrants</li> <li>Solve problems with coordinates               <ul style="list-style-type: none"> <li>Translations</li> <li>Reflections</li> </ul> </li> </ul>		<p><b>Consolidation, problem solving and themed project (finance)</b></p>						