

MATHS CURRICULUM NURSERY

<b>Autumn</b>	<b>Weeks 1-3</b>	<b>Weeks 4-6</b>	<b>Weeks 7-9</b>	<b>Weeks 10-12</b>
<b>Objectives</b>	Consolidate 1-3 Ordering Counting Finger counting to 5 Comparing quantities Symbols and marks Problem solving up to 5	2 and 3 D shape Composition Position Location/routes Comparing with measures Pattern	Counting Ordering Comparing with measures Finger counting to 5	Symbols and marks Problem solving up to 5 2 and 3D shapes Position Location/routes Comparing with measures
<b>Spring</b>	<b>Weeks 1-3</b>	<b>Weeks 4-6</b>	<b>Weeks 7-9</b>	<b>Weeks 10-12</b>
<b>Objectives</b>	Pattern Counting Ordering Finger numbers to 5	Symbols and marks Comparing quantities 2 and 3D shape Composition Pattern Sequencing	Subitising Counting Ordering Sorting and matching Finger numbers to 5	Symbols and marks Counting Ordering Matching Comparing quantities 2 and 3 D shape
<b>Summer</b>	<b>Weeks 1-3</b>	<b>Weeks 4-6</b>	<b>Weeks 7-9</b>	<b>Weeks 10-12</b>
<b>Objectives</b>	Shape Comparing measures Composition	Solve problems up to 5 and beyond Symbols and marks Comparing quantities Counting Sequencing	Counting Position Routes/locations Sequencing Solving problems beyond 5	Pattern Counting Comparing measures

MATHS CURRICULUM RECEPTION

	1	2	3	4	5	6	7	8	9	10	11	12
AUTUMN	<p><b>GETTING TO KNOW YOU</b></p> <p>Opportunities for settling in, introducing the areas of provision and getting to know the children.</p> <p>Key times of day, class routines. Exploring the continuous provision inside and out.</p> <p>Where do things belong? Positional Language.</p>			<p><b>JUST LIKE ME!</b></p> <p>Match and Sort Compare amounts Compare size, mass &amp; capacity Exploring Pattern</p>			<p><b>IT'S ME 1,2,3</b></p> <p>Representing 1,2 and 3 Comparing 1, 2 and 3 Composition of 1,2 and 3 Circles and Triangles Positional Language</p>			<p><b>LIGHT AND DARK</b></p> <p>Representing number to 5 One more or less Shapes with 4 sides Time</p>		
SPRING	<p><b>ALIVE IN 5!</b></p> <p>Introducing zero Comparing number to 5 Composition of 4 &amp; 5 Compare Mass (2) Compare Capacity (2)</p>			<p><b>GROWING 6,7,8</b></p> <p>6,7 and 8 Combing two amounts Making Pair Length &amp; Height Time (2)</p>			<p><b>BUILDING 9 &amp; 10</b></p> <p>Counting to 9 and 10 Comparing number to 10 Bonds to 10 3-D shapes Spatial awareness Patterns</p>			<p><b>CONSOLIDATION</b></p>		
SUMMER	<p><b>TO 20 AND BEYOND</b></p> <p>Build numbers beyond 10 Count pattern beyond 10 Spatial Reasoning 1 Match, rotate, manipulate</p>			<p><b>FIRST, THEN, NOW</b></p> <p>Adding more Taking Away Spatial Reasoning (2) Compose and Decompose</p>			<p><b>FIND MY PATTERN</b></p> <p>Doubling Sharing &amp; Grouping Even &amp; Odd Spatial Reasoning (3) Visualise and Build</p>			<p><b>ON THE MOVE</b></p> <p>Deepening Understanding Patterns &amp; Relationships Spatial Mapping (4) Mapping</p>		

MATHS CURRICULUM YEAR 1

	1	2	3	4	5	6	7	8	9	10	11	12
AUTUMN	<p><b>NUMBER: PLACE VALUE (WITHIN 10)</b></p> <ul style="list-style-type: none"> <li>*Sort Objects</li> <li>*Count Objects</li> <li>*Count objects from a larger group</li> <li>*Represent objects</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>NUMBER: ADDITION AND SUBTRACTION (WITHIN 10)</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> </ul> </li> <li>*Addition- add together                             <ul style="list-style-type: none"> <li>*Addition- add more</li> <li>*Addition problems                                     <ul style="list-style-type: none"> <li>*Find a part</li> </ul> </li> </ul> </li> <li>*Subtraction- find a part                             <ul style="list-style-type: none"> <li>*Subtraction- take away/cross out</li> </ul> </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>					<p><b>GEOMETRY: 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>	<p><b>CONSOLIDATION</b></p>
SPRING	<p><b>NUMBER: PLACE VALUE (WITHIN 20)</b></p> <ul style="list-style-type: none"> <li>*Count within 20</li> <li>*Understand 10</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> </ul> </li> <li>*The number line to 20</li> <li>*Use a number line to 10</li> <li>*Estimate on a number line to 20</li> <li>*Compare numbers to 20</li> <li>*Order number to 20</li> </ul>		<p><b>NUMBER: ADDITION AND SUBTRACTION (WITHIN 20)</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>NUMBER: PLACE VALUE (WITHIN 50)</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                             <ul style="list-style-type: none"> <li>*Groups of tens and ones</li> </ul> </li> <li>*Partition into tens and ones                             <ul style="list-style-type: none"> <li>*The number line to 50</li> </ul> </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>MEASUREMENT: LENGTH &amp; 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>MEASUREMENT: MASS &amp; VOLUME</b></p> <ul style="list-style-type: none"> <li>*Heavier and Lighter                             <ul style="list-style-type: none"> <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> </li> </ul>				

SUMMER	<p><b>NUMBER: MULTIPLICATION &amp; 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</li> <li>*Add equal groups</li> <li>*Make arrays</li> <li>*Make Doubles</li> <li>*Make equal groups-grouping</li> <li>*Make equal groups- sharing</li> </ul>	<p><b>MEASUREMENT: 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>NUMBER: 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.</li> <li>*Find a half of a quantity.</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>GEOMETRY: 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</li> <li>*Ordinal Numbers</li> </ul>	<p><b>MEASUREMENT: 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</li> <li>*Tell the time to the hour</li> <li>*Tell the time to the half hour</li> </ul>	<p><b>NUMBER: PLACE VALUE (WITHIN 100)</b></p> <ul style="list-style-type: none"> <li>*Count form 50-100</li> <li>*Tens to 100</li> <li>*Partition into tens and ones</li> <li>*The number line to 100</li> <li>*1 more, 1 less</li> <li>*Compare numbers with the same number of tens</li> <li>*Compare any two numbers.</li> </ul>	<p><b>CONSOLIDATION</b></p>
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MATHS CURRICULUM YEAR 2

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
AUTUMN	<p><b>BASELINE</b>  <b>NUMBER: PLACE VALUE</b>            *Numbers to 20            *Count objects to 100 by making 10s            *Recognise tens and ones            *Partition numbers to 100            Write numbers to 100 in words            *Flexibly partition numbers to 100            *10s on the number line to 100            *Estimate numbers on a number line            *Compare objects/numbers            *Order objects and numbers            *Count in 2s, 5s, and 10s            *Count in 3s</p>				<p><b>NUMBER: ADDITION AND SUBTRACTION</b>            *Bonds to 10            *Fact Families- addition and subtraction bonds within 20            *Bonds to 100 (tens)            *Add and Subtract 1s            *Add by making 10            *Add three 1-digit numbers            *Add to the next 10            *Add across a 10            *Subtract across 10/Subtract from a 10            *Subtract a 1-digit number from a 2-digit number            *10 more/10 less            *Add and Subtract 10s            *Add two 2-digit numbers (across and not across 10)            *Subtract two 2-digit numbers            *Compare number sentences            *Missing number problems</p>					<p><b>GEOMETRY: SHAPE</b>            *Recognise 2-D and 3-D shapes            *Count sides of a 2-D shapes            *Count vertices on 2-D shapes            *Draw 2-D shapes            *Lines of symmetry on shapes            *Use lines of symmetry to complete shapes            *Sort 2-D shapes            *Count faces/edges/vertices on 3-D shapes            *Sort 3-D shapes            *Make patterns with 2-D and 3-D shapes.</p>				<p><b>MEASUREMENT: MONEY</b>            *Count money-pence            *Count money- pounds            *Count money-pounds and pence            *Choose notes and coins            *Make the same amount            *Compare amounts of money            *Make a pound            *Find change</p>	

SPRING	<b>CONSOLIDATION</b>	<b>MULTIPLICATION &amp; DIVISION</b> <ul style="list-style-type: none"> <li>*Recognise equal groups</li> <li>*Make equal groups</li> <li>*Add equal groups</li> <li>*Multiplication sentences</li> <li>*Use arrays</li> <li>*Make equal groups- grouping/sharing</li> <li>*The 2 times-table/ Divide by 2</li> <li>*Doubling and Halving</li> <li>*Odd and even numbers</li> <li>*The 10 times-table/Divide by 10</li> <li>*The 5 times-table/ Divide by 5</li> </ul>		<b>CONSOLIDATION</b>	<b>POSITION &amp; DIRECTION</b>	<b>FRACTIONS</b> <ul style="list-style-type: none"> <li>*Introduction to parts and whole</li> <li>*Equal and unequal parts</li> <li>*Recognise a half/ Find a half</li> <li>*Recognise a quarter/Find a quarter</li> <li>*Recognise a third/find a third</li> <li>*Find the whole</li> <li>*Unit fractions</li> <li>*Non-unit fractions</li> <li>*Recognise the equivalence of a half and two quarters</li> <li>*Recognise three-quarters/Find three-quarters</li> <li>*Count in fractions up to a whole</li> </ul>	<b>MEASUREMENT: TIME</b> <ul style="list-style-type: none"> <li>*O'clock and half past</li> <li>*Quarter past and quarter to</li> <li>*Tell time past the hour</li> <li>*Tell time to the hour</li> </ul>	<b>CONSOLIDATION</b>
SUMMER	<b>MEASUREMENT: TIME</b> <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>	<b>MEASUREMENT: LENGTH &amp; HEIGHT</b> <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>	<b>STATISTICS</b> <ul style="list-style-type: none"> <li>*Make tally charts</li> <li>*Tables</li> <li>*Block diagrams</li> <li>*Draw pictograms</li> <li>*Interpret pictograms</li> <li>*Draw pictograms</li> <li>*Interpret pictograms</li> </ul>	<b>GEOMETRY: POSITION &amp; DIRECTION</b> <ul style="list-style-type: none"> <li>*Language of position</li> <li>*Describe movement</li> <li>*Describe turns</li> <li>*Describe movement and turns</li> <li>*Shape patterns with turns.</li> </ul>	<b>MEASUREMENT: MASS, CAPACITY &amp; TEMPERATURE</b> <ul style="list-style-type: none"> <li>*Compare Mass</li> <li>*Measure in grams and kilograms</li> <li>*Four operations with mass</li> <li>*Compare volume and capacity</li> <li>*Measure in ml/l</li> <li>*Four operations with volume and capacity</li> <li>*Temperature</li> </ul>	<b>CONSOLIDATION</b>		

MATHS CURRICULUM YEAR 3

		1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>AUTUMN</b>		<b>BASILINE RECAP KEY CONCEPTS</b>	<b>NUMBER: PLACE VALUE</b> *Represent/Partition numbers to 100 *Number line to 100 *Represent/Partition numbers to 1000 *Flexible partitioning of numbers to 1000 *Hundreds, tens and ones *Find 1, 10 or 100 more or less *Number line to 1000 *Compare and order numbers to 1000 *Count in 50s				<b>NUMBER: ADDITION &amp; SUBTRACTION</b> *Apply number bonds within 10 *Add/Subtract 1s *Add/Subtract 10s *Add/Subtract 100s *Add 1s across a 10 *Add 10s across 100 *Subtract 1s across a 10 *Subtract 10s across a 100 *Make connections *Add two numbers (across a 10 and a 100) *Subtract numbers (across a 10 and a 100) *Add 2-digit and 3-digit numbers *Subtract a 2-digit number from a 3-digit number *Inverse operations				<b>MULTIPLICATION &amp; DIVISION A</b> *Multiplication-equal groups *Multiples of 2 *Multiples of 5 and 10 *Sharing and Grouping *Multiply and Divide by 3 *The three times table *Multiply and Divide by 4 *The 4 times-table *Multiply and Divide by 8 *The 8 times-table			<b>CONSOLIDATION</b>	
<b>SPRING</b>		<b>NUMBER: MULTIPLICATION &amp; DIVISION B</b> *Multiple of 10 *Related calculations *Multiply a 2-digit number by a 1-digit number- no exchange/with exchange. *Link multiplication and division *Divide a 2-digit number by 1-digit number (no exchange/exchange) *Divide a 2-digiti number by a 1-digit number- with remainders *Scaling		<b>MEASUREMENT: LENGTH &amp; PERIMETER</b> *Measure on metres and centimetres *Measure in mm and cm *Equivalent lengths (m-cm and cm-mm) *Compare lengths *Add lengths *Subtract lengths *What is perimeter *Measure perimeter *Calculate perimeter	<b>FRACTIONS A</b> *Understand the denominators of unit fractions *Compare and order unit fractions *Understand the numerators of non-unit fractions. *Understand the whole *Compare and order non-unit fractions. *Fractions and scales *Fractions on a number line *Count in fractions *Equivalent fractions			<b>MEASUREMENT: MASS &amp; CAPACITY</b> *Use scales *Measure mass in grams and kilograms *Equivalent masses *Compare mass *Add and subtract mass *Measure capacity and volume in ml and in l *Equivalent capacities and volumes (ml and L) *Compare capacity and volume *Add and subtract capacity and volume.		<b>CONSOLIDATION</b>					

SUMMER		<p><b>FRACTION B</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>MEASUREMENT: MONEY</b></p> <ul style="list-style-type: none"> <li>*Pounds and Pence</li> <li>*Convert pounds and pence</li> <li>*Add money</li> <li>*Subtract money</li> <li>*Find change</li> </ul>	<p><b>MEASUREMENT: 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.</li> <li>*Use a.m and p.m</li> <li>*Years, months and days</li> <li>*Days and hours</li> <li>*Hours and minutes</li> <li>*Minutes and seconds</li> <li>*Units of time</li> </ul>	<p><b>GEOMETRY: SHAPE</b></p> <ul style="list-style-type: none"> <li>*Turns and angles</li> <li>*Right angles</li> <li>*Compare angles</li> <li>*Measure and draw accurately.</li> <li>*Horizontal and vertical</li> <li>*Parallel and perpendicular</li> <li>*Recognise and describe 2-D shapes</li> <li>*Draw polygons</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.</li> <li>*Draw bar charts</li> <li>*Collect and represent data</li> <li>*Two-way tables</li> </ul>	<p><b>CONSOLIDATION</b></p>
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	1	2	3	4	5	6	7	8	9	10	11	12	13	14
AUTUMN	<p><b>RECAP KEY CONCEPTS BASELINE</b></p>	<p><b>NUMBER: PLACE VALUE</b></p> <ul style="list-style-type: none"> <li>*Represent numbers to 1,000</li> <li>*Partition numbers to 1,000</li> <li>*Number line to 1,000</li> <li>*Thousands</li> </ul> <p>*Represent/Partition numbers to 10,000</p> <ul style="list-style-type: none"> <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</li> <li>*Roman Numerals</li> <li>*Round to the nearest 10,100,1000</li> </ul>				<p><b>NUMBER: 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.</li> <li>*Efficient Subtraction</li> <li>*Estimate answers</li> <li>*Checking strategies</li> </ul>			<p><b>MEASUREMENT: 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>NUMBER: MULTIPLICATION &amp; DIVISION A</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.</li> <li>*Multiply by 1 and 0</li> <li>*Divide a number by 1 and itself</li> <li>*Multiply three numbers</li> </ul>			<p><b>CONSOLIDATION</b></p>	
SPRING	<p><b>CONSOLIDATION</b></p>	<p><b>NUMBER: MULTIPLICATION &amp; DIVISION B</b></p> <ul style="list-style-type: none"> <li>*Factor pairs</li> <li>*Use factor pairs</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>MEASUREMENT: LENGTH &amp; PERIMETER</b></p> <ul style="list-style-type: none"> <li>*Measure in kilometres and metres</li> <li>*Equivalent lengths</li> <li>*Perimeter on a grid</li> <li>*Perimeter of a rectangle</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>NUMBER: FRACTIONS</b></p> <ul style="list-style-type: none"> <li>*Understand the whole</li> <li>*Partition a mixed number</li> <li>*Number line with mixed numbers</li> <li>*Compare and order mixed numbers</li> <li>*Understand improper fractions</li> <li>*Convert mixed number to improper fractions.</li> <li>*Covert improper fractions to mixed numbers.</li> <li>*Equivalent fractions on a number line</li> <li>*Equivalent fraction families</li> <li>*Add two or more fractions</li> <li>*Add fractions and mixed numbers</li> <li>*Subtract two fractions</li> <li>*Subtract from whole amounts.</li> </ul>				<p><b>NUMBER: DECIMALS A</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</li> <li>*Divide a 1-digit number by 10.</li> <li>*Divide a 2-digit number by 10.</li> <li>*Hundredths as fractions</li> <li>*Hundredths as decimals</li> <li>*Hundredths on a place value chart</li> <li>*Divide a 1- or 2- digit number by 100.</li> </ul>			<p><b>CONSOLIDATION</b></p>	

SUMMER	<p><b>NUMBER: DECIMALS B</b></p> <ul style="list-style-type: none"> <li>*Make a whole with tenths</li> <li>*Make a whole with hundredths</li> <li>*Partition decimals</li> <li>*Flexibly partition decimals</li> <li>*Compare decimals</li> <li>*Order Decimals</li> <li>*Round to the nearest whole number</li> <li>*Halves and quarters as decimals.</li> </ul>	<p><b>MEASUREMENT: 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</li> <li>*Estimate with money</li> <li>*Calculate with money.</li> <li>*Solve problems with money.</li> </ul>	<p><b>MEASUREMENT: 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>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>GEOMETRY: PROPERTIES OF SHAPE</b></p> <ul style="list-style-type: none"> <li>*Understand angles as turns</li> <li>*Identify Angles</li> <li>*Compare and Order angles</li> <li>*Triangles</li> <li>*Quadrilaterals</li> <li>*Polygons</li> <li>*Lines of symmetry</li> <li>*Compare a symmetric figure.</li> </ul>	<p><b>GEOMETRY: POSITION &amp; DIRECTION</b></p> <ul style="list-style-type: none"> <li>*Describe position using coordinates</li> <li>*Plot coordinates</li> <li>*Draw 2-D shapes on a grid</li> <li>*Translate on a grid</li> <li>*Describe translation on a grid.</li> </ul>	<p><b>CONSOLIDATION</b></p>	<p><b>CONSOLIDATION</b></p>
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AUTUMN	<p><b>RECAP: CONSOLIDATION</b></p>	<p><b>NUMBER: 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</li> <li>*Powers of 10</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</li> <li>*Round within 100,000</li> <li>*Round within 1,000,000</li> </ul>			<p><b>NUMBER: ADDITION &amp; 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</li> <li>*Inverse operations</li> <li>*Multi-step problems</li> <li>*Compare Calculations</li> <li>*Find missing numbers.</li> </ul>					<p><b>NUMBER: MULTIPLICATION &amp; DIVISION A</b></p> <ul style="list-style-type: none"> <li>*Multiples</li> <li>*Common Multiples</li> <li>*Factors</li> <li>*Common Factors</li> <li>*Prime Numbers</li> <li>*Square Numbers</li> <li>*Cube Numbers</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>NUMBER: FRACTIONS A</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</li> <li>*Recognise equivalent fractions</li> <li>*Covert improper fractions to mixed numbers.</li> <li>*Convert mixed numbers to improper fractions</li> <li>*Compare fractions less than 1</li> <li>*Order fractions less than 1</li> <li>*Compare and order fractions greater than 1</li> <li>*Add and Subtract fractions with the same denominator.</li> <li>*Add fractions (within 1 and greater than 1)</li> <li>*Add two mixed numbers</li> <li>*Subtract fractions</li> <li>*Subtract from a mixed number.</li> </ul>		<p><b>CONSOLIDATION</b></p>
SPRING	<p><b>CONSOLIDATION</b></p>	<p><b>NUMBER: MULTIPLICATION &amp; 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)</li> <li>*Multiply a 4-digit by 2-digit number.</li> <li>*Short Division</li> <li>*Divide a 4-digit number by a 1-digit number.</li> <li>*Divide with remainders</li> <li>*Efficient division</li> <li>*Solve problems with multiplication and division.</li> </ul>			<p><b>NUMBER: FRACTIONS B</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</li> <li>*Fraction of an amount</li> <li>*Find the whole</li> <li>*Use fractions as operators.</li> </ul>				<p><b>NUMBER: PERCENTAGES &amp; DECIMALS</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)</li> <li>*Equivalent fractions and decimals</li> <li>*Thousandths as fractions</li> <li>*Thousandths as decimals.</li> <li>*Thousandths on a place value chart</li> </ul>			<p><b>MEASUREMENT: PERIMETER &amp; AREA</b></p> <ul style="list-style-type: none"> <li>*Perimeter of rectangles.</li> <li>*Perimeter of rectilinear shapes</li> <li>*Perimeter of polygons</li> <li>*Area of rectangles</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</li> <li>*Two-way tables</li> <li>*Read and interpret timetables.</li> </ul>		<p><b>CONSOLIDATION</b></p>	

				<ul style="list-style-type: none"> <li>*Order and compare decimals</li> <li>*Round to the nearest whole number.</li> <li>*Round to 1 decimal place.</li> <li>*Understand percentages</li> <li>*Percentages as fractions and decimals.</li> </ul>				
SUMMER	CONSOLIDATION	<p><b>GEOMETRY: SHAPE</b></p> <ul style="list-style-type: none"> <li>*Understand and use degrees</li> <li>*Classify angles</li> <li>*Estimate angles</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</li> <li>*Lengths and angles in shapes</li> <li>*Regular and irregular polygons</li> <li>* 3-D shapes</li> </ul>	<p><b>GEOMETRY: POSITION AND DIRECTION</b></p> <ul style="list-style-type: none"> <li>*Read and plot coordinates</li> <li>*Problem Solving with coordinates</li> <li>*Translation</li> <li>*Translation with coordinates</li> <li>*Lines of symmetry</li> <li>*Reflection in horizontal and vertical lines</li> </ul>	<p><b>NUMBER: DECIMALS</b></p> <ul style="list-style-type: none"> <li>*Use known facts to add and subtract decimals within 1</li> <li>*Add and subtract decimals across 1</li> <li>*Add/Subtract decimals with the same number of decimal places</li> <li>*Add/Subtract decimals with different numbers of decimal places</li> <li>*Decimal sequences</li> <li>*Multiply/Divide by 10,100 and 1000</li> <li>*Multiply and divide decimals-missing values</li> </ul>	<p><b>Number: 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>MEASUREMENT: CONVERTING UNITS</b></p> <ul style="list-style-type: none"> <li>*Kilograms and Kilometres</li> <li>*Millimetres and Millilitres</li> <li>*Covernt units of length</li> <li>*Convert between metric and imperial units</li> <li>*Convert units of time</li> <li>*Calculate with timetables.</li> </ul>	<p><b>MEASUREMENT: 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>	CONSOLIDATION

	1	2	3	4	5	6	7	8	9	10	11	12		
AUTUMN	<p><b>NUMBER: 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</li> <li>*Powers of 10</li> <li>*Compare and order any integers</li> <li>*Round any integer</li> <li>*Negative Numbers</li> </ul>		<p><b>NUMBER: ADDITION, SUBTRACTION, MULTIPLICATION &amp; DIVISION</b></p> <ul style="list-style-type: none"> <li>*Add and Subtract Integers</li> <li>*Common Factors/Common Multiples</li> <li>*Rules of divisibility</li> <li>*Primes to 100</li> <li>*Square and Cube Numbers</li> <li>*Multiply up to a 4-digit number by a 2-digit number</li> <li>*Short Division/Division using factors</li> <li>*Long Division/ Long Division with remainders</li> <li>*Solve multi-step problems</li> <li>*Order of operations</li> </ul>				<p><b>NUMBER: FRACTIONS A</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)</li> <li>*Add and subtract any fractions.</li> <li>*Add/Subtract mixed numbers.</li> </ul>		<p><b>NUMBERS: FRACTIONS B</b></p> <ul style="list-style-type: none"> <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</li> <li>*Fraction of an amount</li> <li>*Fraction of an amount- find the whole.</li> </ul>		<p><b>MEASUREMENT: 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>CONSOLIDATION</b></p>		<p><b>NUMBER: RATIO</b></p> <ul style="list-style-type: none"> <li>*Use ratio language</li> <li>*Ration and Fractions</li> <li>*Scale Drawings</li> <li>*Use scale factors</li> <li>*Similar shapes</li> <li>*Ratio/Proportion Problems</li> <li>*Recipes</li> </ul>		<p><b>NUMBER: ALGEBRA</b></p> <ul style="list-style-type: none"> <li>*1/2 step function machines</li> <li>*Form Expressions</li> <li>*Substitution</li> <li>*Formulae</li> <li>*Solving Equations</li> <li>*Find pairs of values</li> </ul>		<p><b>NUMBER: 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</li> <li>*Multiply by integers</li> <li>*Divide by integers</li> </ul>		<p><b>NUMBER: 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>MEASUREMENT: AREA, PERIMETER &amp; 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.</li> <li>*Area of parallelogram</li> <li>*Volume- counting cubes</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</li> <li>*Draw pie charts</li> <li>*The mean</li> </ul>	

						*Volume of a cuboid.	
SUMMER	<b>GEOMETRY: SHAPE</b> <ul style="list-style-type: none"> <li>*Measure and classify angles</li> <li>*Calculate Angles</li> <li>*Vertically opposite angles</li> <li>*Angles in a triangle</li> <li>*Angles in a triangle- missing angles</li> <li>*Angles in quadrilaterals</li> <li>*Angles in polygons</li> <li>*Circles</li> <li>*Draw shapes accurately</li> <li>*Nets of 3-D shapes</li> </ul>		<b>GEOMETRY: POSITION AND DIRECTION</b> <ul style="list-style-type: none"> <li>*Read and plot points in four quadrants</li> <li>*Solve problems with coordinates</li> <li>*Translations</li> <li>*Reflections</li> </ul>	<b>CONSOLIDATION &amp; THEMED PROJECTS</b> <b>FINANCE PROJECT</b>			