

## Maths Overview 2016-2017

	Foundation	Year 1	Year 2	Year 3	Year 4
Autumn 1	<ul style="list-style-type: none"> <li>*Repeating patterns</li> <li>*Counting</li> <li>*2d shapes- recognition and some properties</li> <li>*Number- recognition and formation and value</li> </ul>	<ul style="list-style-type: none"> <li>*Place Value-ordering numbers to 20</li> <li>*Addition-counting on</li> <li>*Measures-money and time</li> <li>*Subtraction- counting back</li> <li>*Addition and Subtraction-1 more and 1 less</li> <li>*Assessments</li> <li>*Geometry- 2d and 3d shape</li> <li>*Number-counting in 2's,5's and 10's</li> <li>*Fractions-halves and quarters</li> <li>*Measures-capacity</li> </ul>	<ul style="list-style-type: none"> <li>*Target setting</li> <li>*Place Value – two-digit numbers</li> <li>*Comparing and Ordering Numbers</li> <li>*Addition and Subtraction</li> <li>*Multiplication – 10 times table</li> <li>*Measures – Measuring and comparing lengths, capacity</li> <li>*Money –different combinations</li> <li>*2D shape – identifying and sorting</li> <li>*Time –o'clock, half past, quarter past and quarter to</li> <li>*Assessments</li> </ul>	<ul style="list-style-type: none"> <li>*Place Value- 3 digit numbers and mental calculations</li> <li>*2d shape- length and perimeter</li> <li>*Statistics-bar graphs</li> <li>*Written additions</li> <li>*Written subtractions</li> <li>*Multiplications- x3 and x4</li> <li>*Written and mental multiplications</li> <li>*Written and mental divisions</li> <li>*Time-reading analogue and digital time</li> <li>*3D shape- features</li> <li>*Assessments</li> </ul>	<ul style="list-style-type: none"> <li>*Place Value- 4 digit numbers</li> <li>*Target setting</li> <li>*Addition and Subtraction-column method</li> <li>*Geometry-polygons and quadrilaterals</li> <li>*Time- converting time</li> <li>*Multiplication- mental methods</li> <li>*Multiplication-written methods</li> <li>*Division- mental methods</li> <li>*Length- perimeter</li> <li>*Assessments</li> </ul>
Autumn 2	<ul style="list-style-type: none"> <li>*Measuring- height and size</li> <li>*Introduction to 3D shapes</li> <li>*Addition- 1 more</li> <li>*Subtraction- 1 less</li> </ul>	<ul style="list-style-type: none"> <li>*Addition-adding coins</li> <li>*Number-ordinal numbers</li> <li>*Length- comparing lengths</li> <li>*Subtraction-different methods</li> <li>*Data handling-Venn diagrams</li> <li>*Geometry- 2d and 3d shape</li> <li>*Addition- more than 2 numbers</li> <li>*Multiplication- doubling numbers</li> <li>*Assessments</li> </ul>	<ul style="list-style-type: none"> <li>*Target setting</li> <li>*Place Value – Counting in 2s, 3s, 5s and 10s</li> <li>*Addition and Subtraction</li> <li>*Measures – measuring and comparing</li> <li>*Money – addition and subtraction</li> <li>*Shape – 3D shapes</li> <li>*Multiplication and Division</li> <li>*Time – compare intervals of time</li> <li>*Fractions -halves, quarters, thirds</li> <li>*Statistics – pictograms, tally charts</li> <li>*Position and Direction</li> <li>*Assessments</li> </ul>	<ul style="list-style-type: none"> <li>*Place Value- addition/subtraction</li> <li>*Fractions-recognising fractions</li> <li>*Fractions and written Divisions</li> <li>*Volume and capacity</li> <li>*Multiplication including the x8 table</li> <li>*Multiplication- measures and money</li> <li>*2D and 3D shape-sorting and comparing including angles</li> <li>*Addition and Subtraction</li> <li>*Fractions- adding and subtracting</li> <li>*Position and Direction</li> <li>*Time- 24-hour- tell and write the time</li> <li>*Assessments</li> </ul>	<ul style="list-style-type: none"> <li>*Target setting</li> <li>*Place Value- negative numbers</li> <li>*Addition and Subtraction-column methods-problem solving</li> <li>*Statistics- comparing and analysing data</li> <li>*Fractions and Decimals- equivalence</li> <li>*Position and Direction</li> <li>*Multiplication and Division</li> <li>*Assessments</li> </ul>
Spring 1	<ul style="list-style-type: none"> <li>*Numbers- revisit</li> <li>*3D shape and symmetry</li> <li>*Introduction to addition and subtraction</li> <li>*Weight and capacity</li> <li>*100 Week- counting in 10's</li> </ul>	<ul style="list-style-type: none"> <li>*Addition-adding coins</li> <li>*Number-ordinal numbers</li> <li>*Length- comparing lengths</li> <li>*Subtraction-different methods</li> <li>*Data handling-Venn diagrams</li> <li>*Geometry- 2d and 3d shape</li> <li>*Addition- more than 2 numbers</li> <li>*Multiplication- doubling numbers</li> <li>*Assessments</li> </ul>	<ul style="list-style-type: none"> <li>*Target setting</li> <li>*Place Value – Counting in 2s, 3s, 5s and 10s</li> <li>*Addition and Subtraction</li> <li>*Measures – measuring and comparing</li> <li>*Money – addition and subtraction</li> <li>*Shape – 3D shapes</li> <li>*Multiplication and Division</li> <li>*Time – compare intervals of time</li> <li>*Fractions -halves, quarters, thirds</li> <li>*Statistics – pictograms, tally charts</li> <li>*Position and Direction</li> <li>*Assessments</li> </ul>	<ul style="list-style-type: none"> <li>*Place Value- addition/subtraction</li> <li>*Fractions-recognising fractions</li> <li>*Fractions and written Divisions</li> <li>*Volume and capacity</li> <li>*Multiplication including the x8 table</li> <li>*Multiplication- measures and money</li> <li>*2D and 3D shape-sorting and comparing including angles</li> <li>*Addition and Subtraction</li> <li>*Fractions- adding and subtracting</li> <li>*Position and Direction</li> <li>*Time- 24-hour- tell and write the time</li> <li>*Assessments</li> </ul>	<ul style="list-style-type: none"> <li>*Target setting</li> <li>*Place Value- negative numbers</li> <li>*Addition and Subtraction-column methods-problem solving</li> <li>*Statistics- comparing and analysing data</li> <li>*Fractions and Decimals- equivalence</li> <li>*Position and Direction</li> <li>*Multiplication and Division</li> <li>*Assessments</li> </ul>
Spring 2					
Summer 1	<ul style="list-style-type: none"> <li>*Place Value</li> <li>*Addition- completing a number sentence</li> <li>*Measures and data- different ways to present data</li> <li>*Problem solving- introduction</li> </ul>	<ul style="list-style-type: none"> <li>*Addition and subtraction- 10 more/less</li> <li>*Addition- 2 digit numbers</li> <li>*Measures- capacity</li> <li>*Fractions- 1/2 and 1/4 turns</li> <li>*Fractions of amounts</li> <li>*Time- problem solving</li> <li>*Assessments</li> <li>*Measures- length/money/time</li> <li>*Data handling- sorting objects</li> <li>*Multiplication-arrays</li> <li>*Division-sharing</li> <li>*Addition and subtraction</li> </ul>	<ul style="list-style-type: none"> <li>*Target setting</li> <li>*Place Value –solving problems</li> <li>*Addition and Subtraction– solving problems</li> <li>*Measures –temperature</li> <li>*Money – solving problems</li> <li>*Shape – identify 2D shapes on 3D shapes</li> <li>*Multiplication and Division – solving problems</li> <li>*Time –to the nearest 5 minutes</li> <li>*Fractions – equivalents.</li> <li>*Statistics – bar charts and tables,</li> <li>*Position and Direction</li> <li>Assessments</li> </ul>	<ul style="list-style-type: none"> <li>*Multiplication Facts</li> <li>*Addition and Subtraction</li> <li>*Multiplication and Division</li> <li>*2D shape- angles</li> <li>*Addition and Subtraction-using money and decimals</li> <li>*3D shape-sorting</li> <li>*Place Value- measures</li> <li>*Mental calculations</li> <li>*Fractions- in practical contexts</li> <li>*Length, Mass and Volume</li> <li>*Statistics- interpret and present data</li> <li>*Solving problems- 1 and 2 step problems</li> <li>*Assessments</li> </ul>	<ul style="list-style-type: none"> <li>*Target setting</li> <li>*Comparing Decimals</li> <li>* Addition and Subtraction- 2 step problems</li> <li>*Multiplication and division- problem solving</li> <li>*Fractions and decimals</li> <li>*Measurement- money and Mass</li> <li>*Geometry-identifying angles, symmetry and classifying shapes</li> <li>*Time- problem solving</li> <li>*Statistics- comparing and creating</li> <li>*Assessments</li> <li>*Aztec Maths problem solving</li> </ul>
Summer 2					

Overview is subject to medium term planning and may be subject to change.