

## Y3 Yearly Overview 2018-2019

Term 1 and 2 – NFER assessment November	Term 3 and 4	Term 5 and 6 - NFER assessment June
<p style="text-align: center;"><b>Statistics</b></p> <ul style="list-style-type: none"> <li>interpret and present data using bar charts, pictograms and tables</li> <li>Solve one-step and two-step questions [for example, 'How many more?' and 'How many fewer?'] using information presented in scaled bar charts and pictograms and tables.</li> </ul>	<p style="text-align: center;"><b>Fractions (Link with Measures below)</b></p> <ul style="list-style-type: none"> <li>count up and down in tenths; recognise that tenths arise from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10 (<b>Revisiting PV</b>)</li> <li>recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators</li> <li>recognise and show, using diagrams, equivalent fractions with small denominators</li> <li>compare and order unit fractions, and fractions with the same denominators</li> <li>add and subtract fractions with the same denominator within one whole</li> </ul>	<p style="text-align: center;"><b>Fractions revisit</b></p> <ul style="list-style-type: none"> <li>recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators</li> <li>solve problems that involve all of the fraction LOs</li> </ul> <hr/> <p style="text-align: center;"><b>Addition and Subtraction revisit</b></p> <p>Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</p>
<p style="text-align: center;"><b>Number and Place Value</b></p> <ul style="list-style-type: none"> <li>recognise the place value of each digit in a three-digit number (hundreds, tens, ones)</li> <li>read and write numbers up to 1000 in numerals and in words</li> <li>identify, represent and estimate numbers using different representations</li> <li>solve number problems and practical problems involving these ideas</li> </ul> <p><i>Counting and comparing</i></p> <ul style="list-style-type: none"> <li>compare and order numbers up to 1000</li> <li>count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number</li> <li>solve number problems and practical problems involving these ideas</li> </ul>	<p style="text-align: center;"><b>Measures</b></p> <ul style="list-style-type: none"> <li>measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)(<b>Revisiting + and -</b>)</li> </ul> <p style="text-align: center;"><b>Time</b></p> <ul style="list-style-type: none"> <li>tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks (<b>Roman Numerals to be covered in 'Morning Maths'</b>)</li> <li>estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, a.m./p.m., morning, afternoon, noon and midnight (<b>Link back to fractions</b>)</li> <li>know the number of seconds in a minute and the number of days in each month, year and leap year</li> <li>Compare durations of events [for example to calculate the time taken by particular events or tasks].</li> </ul>	<p style="text-align: center;"><b>Multiplication and Division revisit</b></p> <ul style="list-style-type: none"> <li>write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods</li> <li>Solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.</li> </ul>
<p style="text-align: center;"><b>Addition and Subtraction</b></p> <ul style="list-style-type: none"> <li>add and subtract numbers mentally, including: a three-digit number and ones; a three-digit number and tens; a three-digit number and hundreds</li> <li>add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction</li> <li>estimate the answer to a calculation and use inverse operations to check answers</li> <li>Solve problems, including missing number problems, using number facts, place value, <b>and more complex addition and subtraction.</b></li> </ul>	<p style="text-align: center;"><b>Geometry</b></p> <ul style="list-style-type: none"> <li>draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them</li> <li>Identify horizontal and vertical lines and pairs of perpendicular</li> <li>recognise angles as a property of shape or a description of a turn</li> <li>identify right angles, recognise that two right angles make a half-turn, three make three quarters of a turn and four a complete turn (<b>Link back to fractions and PE</b>)</li> <li>Identify whether angles are greater than or less than a right angle.</li> <li>Identify parallel lines.</li> </ul>	<p style="text-align: center;"><b>CONSOLIDATION</b></p>
<p style="text-align: center;"><b>Measures</b></p> <ul style="list-style-type: none"> <li>measure the perimeter of simple 2-D shapes</li> <li>Add and subtract amounts of money to give change, using both £ and p in practical contexts</li> </ul>		
<p style="text-align: center;"><b>Multiplication and Division</b></p> <ul style="list-style-type: none"> <li>recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables</li> <li>write and calculate mathematical statements for multiplication and division using the multiplication tables that they know,</li> </ul>		

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including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods		
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#### REMEMBER

**Daily** use of '**No Nonsense Number Facts**' which will incorporate:  
Regular practise of multiplication facts and opportunities to use known number facts