

# Year 3

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Baseline	AFL to inform level of scaffolding given, regular end of unit test interim tests,				
<u>Essentials</u>					
<ul style="list-style-type: none"> <li>• Concrete, Pictorial, Abstract learning journeys</li> <li>• Varied Fluency, Reasoning and Problem Solving</li> <li>• Reference to White Rose Small Steps</li> <li>• Statistics taught cross-curricular with STEM and foundation subjects</li> <li>• Opportunities should be sought for objectives to be taught cross-curricular for real life context</li> </ul>					
<ol style="list-style-type: none"> <li>1. Place Value</li> <li>2. Addition and Subtraction</li> <li>3. Multiplication and Division (Part 1)</li> </ol>		<ol style="list-style-type: none"> <li>4. Multiplication and Division (Part 2)</li> <li>5. Length and Perimeter</li> <li>6. Fractions (Part 1)</li> <li>7. Mass and Capacity</li> </ol>		<ol style="list-style-type: none"> <li>8. Fractions (Part 2)</li> <li>9. Money</li> <li>10. Time</li> <li>11. Shape</li> <li>12. Statistics</li> </ol>	
Consolidation – Revision of gaps as seen from summative assessment.					

<u>Quick Maths</u>									
Retrieval of prior learning and Quick Maths objectives (below) to be covered									
Count 10 more or less than a given number	Count from 0 in multiples of 100 (Use knowledge of counting in 10).	Count 100 more or less than a given number	Count from 0 in multiples 50 (Use knowledge of counting in multiples of 5).	Count from 0 in multiples of 4 with corresponding division facts	Count from 0 in multiples of 8 with corresponding division facts	Count up and down in roman numerals from I - XII	Count up and down in tenths	Count up and down in fractions with the same denominator	Consolidate objectives based on gaps
Teachers judgement to be used to consolidate a previous objective									



# Mathematical Vocabulary Year 3

## Instructions

Recite, predict, describe the pattern, describe the rule, find all, find different, investigate, decide, name, discuss, explain your method, explain how you got your answer, give an example of..., write in figures, present, represent, label, tally, calculate, solve, **show your working, interpret, sketch, investigate, question,**

## General

Number bonds, hundred square, number grid, geo-strips, **greatest value, least value**

Number and Place Value (Obj 1, 2, 3 and 5)	Addition and subtraction (Obj 7,8, 9 and 10)	Multiplication and division (Obj 13 and 14)	Fractions (Obj 16, 18, 19 , 20 and 21)	Geometry	Measurement	Statistics
<p>Hundreds One-, two-, three-digit number, place, place value, stands for, represents, exchange twenty-first, twenty-second, two hundred... one thousand</p> <p>count in threes, fours, <b>eights, fifties and hundreds</b></p> <p>tally, sequence, continue, predict,</p> <p>exact, exactly</p> <p><b>factor of relationship Roman numerals</b></p>	<p>one hundred more, one hundred less,</p> <p>facts tens boundary, <b>hundreds boundary</b></p> <p><b>inverse</b></p>	<p><b>Factor, product,</b> groups of, times, once, twice, three times... ten times, repeated addition,</p> <p>divide, divided by, share, share equally, left, left over, <b>remainder,</b> one each, two each, three each... ten each, group in pairs, threes.. tens, equal groups of,</p> <p>row, column</p> <p>multiplication table, multiplication fact, division fact</p>	<p>Equivalent fraction, mixed number, numerator, denominator,</p> <p>two halves,</p> <p>two quarters, three quarters,</p> <p>one thirds, two thirds, one of three equal parts</p> <p><b>sixths, sevenths, eighths, tenths</b></p>	<p><u>Properties of shape</u> surface line symmetry, <b>perimeter</b></p> <p><u>2-D shape</u> rectangular, circular, triangular, pentagon, <b>pentagonal,</b> hexagon, <b>hexagonal,</b> octagon, <b>octagonal,</b> <b>quadrilateral, right-angled, parallel, perpendicular,</b></p> <p><u>3-D shape</u> <b>Hemisphere, prism, triangular prism</b></p> <p><u>Position and direction</u> route, higher, lower, clockwise, anti-clockwise, right angle, straight line, <b>compass point, north, south, east, west, N, S, E, W,</b></p>	<p>measuring scale, <b>division,</b> further, furthest, <b>approximately,</b></p> <p><u>Length</u> <b>Millimetre, kilometre, mile,</b> tape measure, <b>distance apart, between, to, from, perimeter,</b></p> <p><u>Weight</u></p> <p><u>Capacity and volume</u> millilitre, contains,</p> <p><u>Temperature</u> Temperature, degree, <b>centigrade</b></p> <p><u>Time</u> fortnight, <b>century,</b> 5, 10, 15... minutes past</p>	<p>tally, graph, block graph, pictogram, represent, <b>chart, bar chart, frequency table, Carroll diagram, Venn diagram,</b> label, title, <b>axis, axes, diagram,</b> most popular, most common, least popular, least common,</p>

<p>One hundred more, one hundred less</p> <p>Approximate, approximately,</p> <p>Round, nearest, round to the nearest ten, hundred, round up, round down,</p>				<p>horizontal, vertical, diagonal, angle... is a greater/smaller angle than,</p>	<p>clock face, digital/analogue, clock/watch, timer seconds calendar, earliest, latest, Roman numerals, 12-hour clock time, 24-hour clock time,</p> <p><u>Money</u> Bought, sold,</p>	
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