

Year 2

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Baseline/ summative assessments	AFL to inform level of scaffolding given, regular end of unit test interim tests,				
1. Place Value 2. Addition and Subtraction 3. Money		4. Multiplication and Division 5. Fractions 6. Time		7. Shape 8. Mass, Capacity and Temperature 9. Length and Height 10. Statistics 11. Position and Direction	

Essentials

- Concrete, Pictorial, Abstract learning journeys
- Varied Fluency, Reasoning and Problem Solving
- Reference to White Rose Small Steps
- Statistics taught cross-curricular with STEM and foundation subjects
- Opportunities should be sought for objectives to be taught cross-curricular for real life context

Quick Maths

Retrieval of prior learning and Quick Maths objectives (below) to be covered

Count in steps of 2 from 0 and from any number, forward and backward	Recall and use multiplication and division facts for the 2 multiplication table	Count in steps of 5 from 0 and from any number, forward and backward	Recall and use multiplication and division facts for the 5 multiplication table	Count in steps of 3, from 0 and from any number, forward and backward	Count in steps of tens from any number, forward and backward	Recall and use multiplication and division facts for 10 multiplication table	Count in fractions up to 10, starting from any number and using the 1/2 and 2/4 equivalence on the number line (for example, 1 1/4, 1 2/4 (or 1 1/2), 1 3/4, 2).	Consolidate objectives based on gaps
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Teachers judgement to be used to consolidate a previous objective

Mathematical Vocabulary Year 2

Instructions

Record, arrow, 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,

General

Abacus, number pairs, number bonds, hundred square, number grid, geostrips

Number and Place Value (obj. 1-6)	Addition and subtraction (obj. 7-15,26)	Multiplication and division (obj. 16-19)	Fractions (obj. 20,21)	Geometry (obj. 30-33)	Measurement (obj. 22-25,27-29)	Statistics
<p>Hundreds One-, two-, three-digit number, place, place value, stands for, represents, exchange numeral, twenty-one, twenty-first, twenty-second, twenty-two... one hundred, two hundred... one thousand</p> <p>forward, backwards, equal to, equivalent to, count in threes, fours and so on</p> <p>most, least, tally, many, multiple of, sequence, continue, predict,</p> <p>equal to,</p>	<p>Addition, near double, half halve</p> <p>one hundred more, one hundred less,</p> <p>subtract, equals, is the same as, number bonds/pairs, missing number/facts <u>tens boundary</u></p>	<p>Multiplication, multiply, multiplied by, multiple, groups of, times, once, twice, three times... ten times, repeated addition,</p> <p>division, dividing, divide, divided by, divided into, grouping, share, share equally, left, left over, one each, two each, three each... ten each, group in pairs, threes..</p> <p>row, column array,</p> <p>multiplication table, multiplication fact, division fact</p>	<p>Fraction, equivalent fraction, mixed number, numerator, denominator, equal part, equal grouping, equal grouping, equal sharing, one of two equal parts, one of four equal parts,</p> <p>two halves,</p> <p>two quarters, three quarters,</p> <p>one thirds, two thirds, one of three equal parts</p>	<p><u>Properties of shape</u> surface symmetry, symmetrical pattern, line symmetry</p> <p><u>2-D shape</u> point, pointed, rectangular, circular, triangular, pentagon, hexagon, octagon</p> <p><u>3-D shape</u> Cuboid, cylinder,</p> <p><u>Position and direction</u> underneath, centre, journey, quarter turn, three-quarter turn, route, higher, lower, clockwise, anti-clockwise, right angle, straight line,</p>	<p>measurement, roughly, measuring scale, further, furthest</p> <p><u>Length</u> Centimetre, ruler, metre stick, tape measure</p> <p><u>Weight</u> Kilogram, half kilogram,</p> <p><u>Capacity and volume</u> Litre, half litre, millilitre, capacity, volume, more than, less than, quarter full, contains,</p> <p><u>Temperature</u> Temperature, degree</p> <p><u>Time</u></p>	<p>vote, tally, graph, block graph, pictogram, represent, table, label, title, most popular, most common, least popular, least common,</p>

<p>half-way between above, below exact, exactly</p>					<p>All twelve months of the year, all four seasons, weekend, fortnight, month, year, earlier, later, first, midnight, date, How long ago? How long will it be to...? How long will it take to...? How often? Always, never, often, sometimes, usually, once, twice, half past, quarter past, quarter to, 5, 10, 15... minutes past</p> <p>clock face, digital/analogue, clock/watch, timer</p> <p>hour hand, minute hand, hours, minutes, seconds</p> <p><u>Money</u> Bought, sold, change, dear, costs more, cheap, costs less, cheaper, costs the same as, How much...? How many...? total</p>	
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