



Year 1

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p>Number, Addition and Subtraction:</p> <p>1.1 Comparison of quantities and measures (x3 Teaching points)</p> <p>1.2 Introducing whole and part, part, whole (x4 Teaching points)</p> <p>1.3 Composition of numbers 0-5 (x7 Teaching points)</p> <p>1.4 Composition of numbers 6-10 (x5 Teaching points)</p> <p>Geometry: WR - Recognise and name 2D shapes including rectangles (including squares as a special rectangle), circles, triangles (x2 Teaching points)</p>	<p>Number, Addition and Subtraction:</p> <p>1.5 Additive structures introduction to aggregation and partitioning (x4 Teaching points)</p> <p>1.6 Additive structures introduction to augmentation and reduction (x4 Teaching points)</p> <p>1.7 Addition and subtraction strategies within 10 (Teaching points 1 to 6).</p> <p>Measurement (x3 Teaching points) WR - Sequence events in chronological order using language (before, after, first etc.) WR - Recognise and use language relating to dates (days, weeks, months, years)</p>	<p>Number, Addition and Subtraction:</p> <p>1.8 Composition of numbers multiples of 10 up to 100. teaching points 1,2 and 3</p> <p>Geometry: WR - 3D shapes (cuboids, including cubes, pyramids, and spheres) (x3 Teaching points)</p> <p>Multiplication and division 2.1 Counting in 10s including unitising and coins (Teaching point 2)</p> <p>Number, Addition and Subtraction: 1.8 Composition of numbers multiples of 10 up to 100. teaching points 4 and 5.</p>	<p>Number, Addition and Subtraction:</p> <p>1.9 Composition of numbers 20-100 (Teaching points 1,2,3 and 4).</p> <p>Multiplication and division 2.1 Counting in 5s including unitising and coins (Teaching point 3)</p> <p>Number, Addition and Subtraction: 1.10 Composition of numbers 11-19 (5 teaching points)</p> <p>Multiplication and division 2.1 Counting in 2s including unitising and coins (Teaching point 1)</p> <p>Measurement 2.1 NCETM - Recognise and know the value of different coins and notes (Teaching point 4, 5, 6).</p>	<p>Number, Addition and Subtraction:</p> <p>1.7 Addition and subtraction strategies within 10 (Teaching points 7 to 10).</p> <p>Fractions:</p> <p>3.1 The part/ whole relationship (Teaching points 1 to 3)</p> <p>WR - Know the names of fractions 'one-half', in relation to a fraction of length, shapes or set of objects (Teaching points 1 to 4)</p> <p>Measures WR - Tell the time to the hour and half hour (x3 Teaching points)</p> <p>Measures WR - Measure and begin to record the following: Length and height (x3 Teaching points)</p>	<p>Number, Addition and Subtraction:</p> <p>1.9 Composition of numbers 20-100 (1.9*) Teaching points 5 and 6</p> <p>Fractions: WR - Know the names of fractions 'one-quarter', in relation to a fraction of length, shapes or set of objects (Teaching points 5 to 8)</p> <p>Geometry WR - Describe position, direction, and movement, including whole, half, quarter and 3-quarter turns (x5 Teaching points)</p> <p>Measures WR - Measure and begin to record the following: capacity and volume, time (hours, minutes, seconds) Compare, describe and solve practical problems for: length and height mass/ weight capacity and volume time (x7 Teaching points)</p>
<p>5 a day</p>	<p>5 a day Count forwards and backwards to 10 from any given number Partition numbers 1-10 in anyway. Count read and write numbers to 10. 2D shape names</p>	<p>5 a day +/- within 10 Sequence events Days, weeks, months, years Count in 10s. Write multiples of 10 in words. 2D shape names and properties</p>	<p>5 a day +/- within 10 +/-u multiple of ten and multiple of ten. Count in 10s. Count amounts up to 100 (not teens) 3D shape names Count in 5s.</p>	<p>5 a day +/- within 10 +/-u multiple of ten and multiple of ten. Teens/ tys difference Count amounts up to 100 (including teens) Count in 2s, 5s and 10s. Value of coins 3D shape names</p>	<p>5 a day +/- within 10 +/-u multiple of ten and multiple of ten. Half and quarter Half of numbers Doubles of numbers Time O'clock, half past</p>

Year 2

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p>Number, Addition and Subtraction: 1.9 Revision: Composition of numbers 20-100 (1.9*) (6 Teaching points)</p> <p>Geometry WR - Identify and describe the properties of 2D shapes, including number of sides and line symmetry in vertical line (7 teaching points).</p> <p>Number, Addition and Subtraction: 1.11 Addition and subtraction mentally: Bridging 10 (Teaching points 1 to 4))</p> <p>Fractions 3.1 The part whole relationship (2023 – teaching points 1 and 2)</p> <p>3.2 Identifying, representing and comparing (Teaching points 1 and 2).</p> <p>WR - Name and describe the fractions one-half and one-quarter (revisit) in relation to length, shapes and space (4 teaching points)</p> <p>WR - Read and write the fraction notation for $\frac{1}{2}$, $\frac{1}{4}$, .</p>	<p>Number, Addition and Subtraction: 1.11 Addition and subtraction mentally: Bridging 10 (Teaching points 5 and 6)</p> <p>Number, Addition and Subtraction: 1.12 Subtraction as difference (4 Teaching points).</p> <p>1.13 Addition and subtraction: 2-digit and 1-digit numbers (4 Teaching points)</p> <p>Multiplication and Division: 2.2 Structures of multiplication meaning equal groups (5 Teaching points).</p> <p>2.3 2 x tables and commutativity (3 Teaching points).</p> <p>2.4 10 and 5 x tables (4 Teaching points).</p> <p>Measures WR Money: Recognise and use symbols for pounds and pence, combine amounts to make a particular value (x3 Teaching points)</p> <p>Measures WR Choose and use appropriate units of measurement (temperature), including use of thermometers (x1 Teaching point)</p>	<p>Number, Addition and Subtraction: 1.14 Addition and subtraction: 2-digit and multiples of 10 (4 Teaching points)</p> <p>Multiplication and Division 2.5 Commutativity of multiplication and division, including relationship between doubling and halving (4 Teaching points)</p> <p>2.6 Division structures of quotitive (grouping) and partitive (sharing) (5 Teaching points)</p> <p>Fractions Find $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$ of a number</p> <p>Find $\frac{2}{4}$ and $\frac{3}{4}$ of an object, shapes, set of objects, length or quantity</p>	<p>Addition and Subtraction: 1.15 Addition of two 2-digit numbers (formal method) (2 Teaching points)</p> <p>Measures WR - Find different combinations of coins to make the same amount (1 Teaching points)</p> <p>Statistics WR - Interpret and construct simple pictograms, tally charts, block diagrams and simple tables Ask and answer simple questions involving the above Ask and answer questions involving the above (4 Teaching points)</p> <p>Geometry WR - Identify and describe 3D shapes, including edges, vertices, and faces Identify 2D shapes on 3D shapes Compare and sort 2D and 3D shapes Order and arrange combinations of mathematical objects in patterns and sequences (5 Teaching points)</p>	<p>Addition and Subtraction: 1.16 Subtraction of two 2-digit numbers (2 Teaching points)</p> <p>Measurement: WR - Solve simple problems in a practical context, including addition, subtraction of money and giving change (4 Teaching points).</p> <p>Measurement: Compare and sequence intervals of time Tell the time to hour, half hour, 15 minutes, 5 minutes, including using language quarter past and quarter to, including drawing hands on a clock face Know the number of minutes in an hour, hours in a day, days in a week, including names days in order (7 Teaching points)</p>	<p>Number, Addition and Subtraction: Commutativity/ Inverse Counting in 3s</p> <p>Measurement: Choose and use appropriate standard units to estimate and measure length/ height (cm, m), mass (kg, gm), capacity (ml, L), to the nearest appropriate unit, using rulers, scales, containers, measuring vessels Compare and order different measurements using <, >, =</p> <p>Geometry Use mathematical vocabulary to describe position, direction, and movement, including understanding relationship between a straight line and right angles and quarter, half, and 3-quarter turns (both clockwise and anti-clockwise) (5 Teaching points).</p> <p>Fractions Recognise equivalence of $\frac{2}{4}$ and $\frac{1}{2}$</p>
<p>5 a day Number bonds to and within 10 and 20. Count in 2s, 5s, 10s – use symbols for x and ÷ Difference between teens and ty +/- within 10 +/u multiple of ten and multiple of ten.</p>	<p>5 a day Place value Bridging 10 Fractions of an amount 2D shapes + properties</p>	<p>5 a day Addition/subtraction 2 digit and ones. 2x, 5x, 10x Bridging 10 Fractions of an amount</p>	<p>5 a day Addition/subtraction 2 digit and ones and 2 digit and tens. Bridging 10. Multiplication/division Fractions of an amount Value of coins</p>	<p>5 a day TU+/- U, TU+/- T, TU+TU x÷ 2,5,10 Fractions of an amount Bridging 10. 3D shape names/properties</p>	<p>5 a day TU+/- U, TU+/- T, TU+TU x÷ 2,5,10 Fractions of an amount Bridging 10. Time</p>

Year 3

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p>Number, Addition and Subtraction: 1.17 Composition of numbers 100 and bridging 100 (4 teaching points)</p> <p>Geometry WR Recognise angles as a property of shape or a description of a turn. WR Identify right angles, recognising that 2 right angles make a half turn, and 4 right angles make a full turn, identify whether angles are greater or smaller than a right angle (3 teaching points)</p> <p>Number, Addition and Subtraction: 1.18 Composition and calculation of 3-digit numbers (6 teaching points)</p> <p>Multiplication and Division 2.7 2, 4 and 8x tables and the relationship between them (5 teaching points)</p>	<p>Number, Addition and Subtraction: 1.19 Securing mental strategies calculation up to 999 including: <ul style="list-style-type: none"> 3-digit and 1-digit (4 teaching points but just with 3 digit and 1 digit) </p> <p>Geometry Identify sets of lines including parallel and perpendicular, horizontal and vertical (3 teaching points)</p> <p>Number, Addition and Subtraction: 1.19 Securing mental strategies calculation up to 999 including: 3-digit and 2-digit (4 teaching points - same as above but with 3 digit and 2 digit)</p> <p>Fractions 3.1 Revise fractions by understanding the part-whole relationship (4 teaching points)</p>	<p>Number, Addition and Subtraction: 1.19 Securing mental strategies calculation up to 999 including: <ul style="list-style-type: none"> 3digit and 3-digit (4 teaching points - same as above but with 3 digit and 2 digit) </p> <p>Multiplication and Division 2.8 3, 6 and 9 times tables and the relationship between them (6 teaching points)</p> <p>Number, Addition and Subtraction: 1.20 Formal addition Estimating to check answers (5 teaching points)</p> <p>Measures WR Time: Tell the time from an analogue clock, including those with Roman numerals from I to XII and 12 and 24hour time (4 teaching points)</p>	<p>Addition and Subtraction: 1.21 Formal subtraction Estimating to check answers (2 teaching points)</p> <p>Statistics Interpret and present data using bar charts, pictograms and tables Solve one-step and two-step questions relating to the above (6 teaching points)</p> <p>Multiplication and Division 2.10 Connecting multiplication and division, and the distributive law multiplication of 2d x 1d Integer scaling and correspondence problems (3 teaching points)</p> <p>Fractions 3.2 Identify unit fractions, including representing and comparing them (6 teaching points)</p> <p>Measures Estimate and read time with increasing accuracy in terms of seconds, minutes, hours and use vocabulary such as am, pm, etc. (3 teaching points)</p>	<p>Addition and Subtraction: Use of inverse operations to check</p> <p>Geometry Draw 2D shapes and make 3D shapes using modelling materials, recognise 3D shapes in different orientations and describe their properties (4 teaching points)</p> <p>Fractions 3.3 Identify non-unit fractions, including representing and comparing them (8 teaching points)</p> <p>Multiplication and Division 2.12 Division with remainders (3 teaching points)</p> <p>Fractions: Count up and down in tenths, understanding that tenths arise from dividing something by 10, including dividing 1 digit numbers by 10 (1.23)</p>	<p>Addition and Subtraction: Adding and subtracting tenths (1.23)</p> <p>Measurement: Measure, compare, add and subtract money, including giving change in practical contexts (£ and p) (1.25)</p> <p>Adding and subtracting fractions within a whole (3.4)</p> <p>Multiplication and Division Division, partitioning leading to short division (4 teaching points)</p> <p>Measurement: Know different durations of time and compare these</p> <p>Measurement: Measure, compare, add and subtract different units of measurement (length, mass, volume/ capacity) including perimeter of 2D shapes</p>
<p>5 a day: Fractions of an amount Bridging 10. TU+/- U, TU+/- T, TU+TU x/÷ 2,5,10</p>	<p>5 a day:</p> <ul style="list-style-type: none"> Composition of 3 digit numbers Calculation of 3 digit numbers 2x, 4x, 8x table 	<p>5 a day:</p> <ul style="list-style-type: none"> Mental strategies htu+u, htu+t 2x, 4x, 8x table Composition and calculation of 3 digit numbers 	<p>5 a day:</p> <ul style="list-style-type: none"> 3x, 6x 9x tables Formal addition Telling the time to the nearest minute Formal addition 	<p>5 a day:</p> <ul style="list-style-type: none"> Formal subtraction 2x, 3x, 4x, 5x, 6x, 8x, 9x tables 2d x 1d 	<p>5 a day:</p> <ul style="list-style-type: none"> Inverse operations Formal addition and subtraction Division with remainders Tenths

Year 4

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
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<p>Number, Addition and Subtraction: 1.22 Composition of numbers 1000 and four digit numbers (Teaching points 1 to 3)</p> <p>Geometry WR Identify acute and obtuse angles and compare and order these up to two right angles (3 teaching points)</p> <p>Multiplication and Division 2.9 Multiplication 7x tables</p> <p>Number, Addition and Subtraction: 1.22 Composition of numbers 1000 and four digit numbers (Teaching points 4 to 6)</p> <p>Multiplication and Division (Revise) 2.11 Times tables 11 and 12</p>	<p>Measure: WR Measure and calculate perimeter (7 teaching points)</p> <p>Multiplication and Division Recognise and use factor pairs and commutativity in mental calculations.</p> <p>Geometry WR Compare and classify geometric shapes including quadrilaterals and triangles based on their properties (3 teaching points)</p> <p>Multiplication and Division 2.10 Connecting multiplication and division, and the distributive law multiplication of 2d x 1d CHECK</p>	<p>Statistics WR Interpret and present discrete and continuous data using bar, line and time graphs (4 teaching points) Solve problems using information represented in the above</p> <p>Multiplication and Division 3.12 Division with remainders (2.12) CHECK</p> <p>2.13 Multiplying and dividing by 10 and 100</p> <p>Measures: WR Convert between different units of measurement (km and metres -2 teaching points)</p> <p>Number, Addition and Subtraction: 1.24 Composition and calculation: hundredths</p> <p>Multiplication and Division 2.14 Multiplication: partitioning leading to short multiplication</p>	<p>Number, Addition and Subtraction: 1.25 Addition and subtraction, money</p> <p>Measures: WR Estimate, compare and calculate different measures, including money (6 teaching points)</p> <p>Multiplication and Division 2.16 Multiplication in context, area and perimeter</p> <p>2.15 Division, partitioning leading to short division</p> <p>Fraction: 3.5 Working across a whole, improper fractions and mixed numbers</p> <p>Measures: WR Converting measurement hour to minute (2 teaching points)</p>	<p>Number, Addition and Subtraction: Roman Numerals taught through topic</p> <p>Multiplication and Division 2.17 Comparison and scaling structures. Correspondence problems.</p> <p>Geometry WR Identify lines of symmetry in 2D shapes presented in different orientations, complete simple symmetrical figures with respect to lines of symmetry (2 teaching points)</p> <p>Measures: WR Read, write and convert time between analogue and digital 12- and 24-hour clocks @ solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days (3 teaching points)</p>	<p>Number, Addition and Subtraction: 1.27 Negative numbers, counting, comparing and calculating (Teaching points 1-4).</p> <p>Fraction: 3.7 Find equivalent fractions and simplifying</p> <p>Measure: WR Measure and calculate area (4 teaching points)</p> <p>Geometry WR Describe position on a 2D grid as coordinates in the first quadrant (3 teaching points)</p> <p>WR Describe movements between positions as transitions of a given unit (vertical and horizontal) and plot specific points to complete a given polygon (2 teaching points)</p>
<p>5 a day:</p> <ul style="list-style-type: none"> Formal addition and subtraction 2x, 3x, 4x, 5x, 6x, 8x, 9x tables 2d x 1d 	<p>5 a day:</p> <ul style="list-style-type: none"> Composition and calculation of 4 digit numbers. 7x table 11 and 12x table Angles 	<p>5 a day:</p> <ul style="list-style-type: none"> All x tables 2dx1d Composition and calculation of 4 digit numbers. 	<p>5 a day:</p> <ul style="list-style-type: none"> Division with remainders x10 and x100 Converting (km and m) Hundredths All tables 	<p>5 a day:</p> <ul style="list-style-type: none"> Money Division All tables 3d x 1d Composition and calculation of 4 digit numbers. 	<p>5 a day:</p> <ul style="list-style-type: none"> All tables 3d x 1d Composition and calculation of 4 digit numbers.