



Year 2 Maths Overview

**We are currently updating our curriculum overviews for the next academic year.
The overview will be adapted before September 2022 to reflect the full year of learning.**

'With each small step the Lord guides me to the best that I can be'

| | | Week | Mental Maths | Maths Curriculum |
|-----|--|------|---|--|
| HT4 | | 5 | Assessment Week Addition and subtraction facts to 20 | <u>Year 1 Addition and Subtraction</u> <ul style="list-style-type: none"> Represent and use number bonds and related subtraction facts within 20 Add and subtract one-digit and two-digit numbers to 20, including zero |
| | | 6 | Addition and Subtraction related facts to 100 | <u>Year 2 Addition and Subtraction</u> <ul style="list-style-type: none"> Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems. <p><i>Pre-assessment of Year 1 Fractions to take place</i></p> |
| | | Week | Mental Maths | Maths Curriculum |
| HT5 | | 1 | Addition and subtraction – 2 digit numbers and ones, 2-digits numbers and tens, two two-digit numbers, odd and even numbers | <u>Year 1 Fractions</u> <ul style="list-style-type: none"> Recognise, find and name a half as one of two equal parts of an object, shape or quantity, recognise, find and name a quarter as one of four equal parts of an object, shape or quantity. <u>Year 2 Fractions</u> <ul style="list-style-type: none"> Recognise, find, name and write fractions $\frac{1}{3}$, $\frac{1}{4}$, $\frac{2}{4}$ and $\frac{3}{4}$ of a length, shape, set of objects or quantity Write simple fractions for example, $\frac{1}{2}$ of 6 = 3 and recognise the equivalence of $\frac{2}{4}$ and $\frac{1}{2}$. <p><i>Pre-assessment of Year 1 Money to take place</i></p> |



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| 2 | Addition and subtraction – 2 digit numbers and ones, 2-digits numbers and tens, two two-digit numbers, odd and even numbers | <p><u>Year 1 Money</u></p> <ul style="list-style-type: none"> Recognise and know the value of different denominations of coins and notes <p><u>Year 2 Money</u></p> <ul style="list-style-type: none"> Recognise and use symbols for pounds (£) and pence (p); combine amounts to make a particular value Find different combinations of coins that equal the same amounts of money Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change <p><i>Pre-assessment of Year 1 Shape to take place</i></p> |
| 3 | Addition and subtraction – 2 digit numbers and ones, 2-digits numbers and tens, two two-digit numbers, odd and even numbers | <p><u>Year 1 Shape</u></p> <ul style="list-style-type: none"> Recognise and name common 2-D and 3-D shapes, including: 2-D shapes [for example, rectangles (including squares), circles and triangles] 3-D shapes [for example, cuboids (including cubes), pyramids and spheres]. <p><u>Year 2 Shape</u></p> <ul style="list-style-type: none"> Identify and describe the properties of 2-D shapes, including the number of sides and lines of symmetry in a vertical line Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces Identify 2-D shapes on the surface of 3-D shapes, [for example, a circle on a cylinder and a triangle on a pyramid] Compare and sort common 2-D and 3-D shapes and everyday objects. |
| 4 | Multiplication and division including representation in problems | <p><i>Pre-assessment of Year 1 Time to take place</i></p> <p><u>Year 1 Time</u></p> <ul style="list-style-type: none"> Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. |
| 5 | Multiplication and division including representation in problems | <p><u>Year 2 Time</u></p> <ul style="list-style-type: none"> Compare and sequence intervals of time Tell and write the time to five minutes, including quarter past/to the hour and draw the hands on a clock face to show these times Know the number of minutes in an hour and the number of hours in a day. |



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| | 6 | Multiplication and division including representation in problems | <u>Consolidation Week</u> <ul style="list-style-type: none"> Year 1 and 2 Fractions Year 1 and 2 Money Year 1 and 2 Shape Year 1 and 2 Time <p><i>Pre-assessment of Year 1 Measure to take place</i></p> |
| HT6 | Week | Mental Maths | Maths Curriculum |
| | 1 | Number properties – counting in steps 5, 2 and 10 from any number. | <u>Year 1 Measure (Length and Height)</u> <ul style="list-style-type: none"> Compare, describe and solve practical problems for: Lengths and heights [for example, long/short, longer/shorter, tall/short, double/half] Measure and begin to record the following: lengths and heights |
| | 2 | Assessment Week Telling the time Properties of number – odd and even | <u>Year 2 Measure (Length and Height)</u> <ul style="list-style-type: none"> Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm) <p><i>Pre-assessment of Year 1 Measure to take place (Mass and Capacity)</i></p> |
| | 3 | Telling the time Properties of number – odd and even | <u>Year 1 Measure (Mass and Capacity)</u> <ul style="list-style-type: none"> Compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half] Mass/weight [for example, heavy/light, heavier than, lighter than] Capacity and volume [for example, full/empty, more than, less than, half, half full, quarter] |
| | 4 | Fractions – finding half and quarter | <u>Year 2 Measure (Mass and Capacity)</u> <ul style="list-style-type: none"> Choose and use appropriate standard units to estimate and measure mass (kg/g); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales and measuring vessels Compare and order lengths, mass, volume/capacity and record the results using >, < and = <p><i>Pre-assessment of Year 1 Position and Direction to take place</i></p> |



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| | 5 | Money – total, giving change and finding totals with coins | <p><u>Year 1 Position and Direction</u></p> <ul style="list-style-type: none"> Describe position, direction and movement, including whole, half, quarter and three quarter turns. <p><u>Year 2 Position and Direction</u></p> <ul style="list-style-type: none"> <i>Order and arrange combinations of mathematical objects in patterns and sequences</i> <i>Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in terms of right angles for quarter, half and three-quarter turns (clockwise and anticlockwise).</i> |
| | 6 | Addition and subtraction methods | <p><u>Consolidation Week</u></p> <p>Problem Solving including</p> <ul style="list-style-type: none"> Year 1 and 2 Measure (Height and Length) Year 1 and 2 Measure (Mass and Capacity) Year 1 and 2 Position and Direction |