

| Year 2 | | | | | | |
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| Autumn Term | | | | | | |
| <p>Number: Place Value (3 1/2 weeks)</p> <p>Read and write numbers to at least 100 in numerals and in words. Recognise the place value of each digit in a two-digit number (tens, ones) Identify, represent and estimate numbers using different representations, including the number line. Compare and order numbers from 0 up to 100; use <, > and = signs. Count in steps of 2, 3 and 5 from 0, and in tens from any number forward and backward. Use place value and number facts to solve problems.</p> | <p>Number: Addition/Subtraction (3 weeks)</p> <p>Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: - a two-digit number and ones - a two-digit number and tens - two two-digit numbers - adding three one-digit numbers. Solve problems with addition and subtraction: - using concrete objects and pictorial representations, including those involving numbers, quantities, - applying their increasing knowledge of mental and written methods. Recall and use addition and subtraction facts to 20 fluently. Recognise and use the inverse relationship between addition and subtraction and use this to check calculations. Show that the addition of two numbers can be done in any order (commutative and subtraction of one number from another cannot).</p> | <p>Statistics (1 week)</p> <p>Interpret and construct simple pictograms, tally charts, block diagrams and simple tables Ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity Ask and answer questions about totalling and comparing categorical data.</p> | <p>Geometry: Shape (2 week)</p> <p>Identify and describe the properties of 2-D shapes, including the number of sides Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces Compare and sort common 2-D and 3-D shapes and everyday objects. Identify 2D shapes on the surface of 3D shapes.</p> | <p>Geometry: Position/ Direction (1 week)</p> <p>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 anti-clockwise</p> | <p>Measure: Length/height (2 weeks)</p> <p>Choose and use appropriate standard units to estimate and measure length/height in any direction (m/cm); mass (kg/g); temperature (°C); capacity (litres/ml) to the nearest appropriate unit, using rulers, scales, thermometers and measuring vessels Compare and order lengths, mass, volume/capacity and record the results using >, < and =</p> | <p>Assessments</p> |

| Spring Term | | | | | |
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| <p>Number: Place value (2 weeks) Read and write numbers to at least 100 in numerals and in words. Identify, represent and estimate numbers using different representations, including the number line. Compare and order numbers from 0 up to 100; use and = signs Count in steps of 2, 3 and 5 from 0, and in tens from any number forward and backward. Recognise the place value of each digit in a two-digit number (tens, ones) Use place value and number facts to solve problem</p> | <p>Number: Addition/Subtraction (3 weeks) Solve problems with addition and subtraction: - using concrete objects and pictorial representations, including those involving numbers, quantities and measures - applying their increasing knowledge of mental and written methods Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: - a two-digit number and ones - a two-digit number and tens - two two-digit</p> | <p>Number: Multiplication and Division (2 weeks) Recall and use multiplication and division facts for the 2, 5 and 10 multiplication tables, including recognising odd and even numbers Calculate mathematical statements for multiplication and division within the multiplication tables and write them using the multiplication (\times), division (\div) and equals (=) signs Show that multiplication of two numbers can be done in any order (commutative) and division of one number by another cannot Solve problems involving multiplication and division, using materials, arrays, repeated addition,</p> | <p>Measure: Money (2 weeks) Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change 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> | <p>Measure: Time (2 weeks) 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.</p> | <p>Spring assessments</p> |

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| | <p>numbers - adding three one-digit numbers 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> | <p>mental methods, and multiplication and division facts, including problems in contexts</p> | | | |
| Summer Term | | | | | |
| <p>Number: Multiplication/Division (3 weeks) Solve one-step problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher.</p> | <p>Number: Fractions (2 weeks) 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.</p> | <p>Measure: Mass/Capacity/ Temperature (3 weeks) Compare, describe and solve practical problems for: - lengths and heights [for example, long/short, longer/shorter, tall/short, double/half] -</p> | <p>Number: Place value /addition and subtraction Solve problems with addition and subtraction: - using concrete objects and pictorial representations, including those involving numbers, quantities and measures - applying their increasing knowledge of mental and written methods Recall and use addition and subtraction facts to 20 fluently, and derive and use</p> | <p>Summer Assessments Plug gaps</p> | |

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| | | <p>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]</p> <p>Measure and begin to record the following: - lengths and heights - mass/weight - capacity and volum</p> | <p>related facts up to 100 Add and subtract numbers using concrete objects, pictorial representations, and mentally, including: - a two-digit number and ones - a two-digit number and tens - two two-digit numbers - adding three one-digit numbers 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> <p>Yr 2sSATs prep SUMMER Assessment</p> | |
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