



## Maths Medium Term

Year: 2

Term: Summer

Teacher: Mrs Fagg

<u>Week</u>	<u>Topic</u>	<u>Objectives</u>
Week 1	<p><b>SATS practise</b></p> <p><b>Number and place value to solve problems</b></p> <p><b>Fractions to solve problems</b></p>	<p>Recognise the place value of each digit in a two-digit number (tens, ones). Compare and order numbers from 0 up to 100; use <math>&lt;</math>, <math>&gt;</math> and <math>=</math> signs and explain reasoning.</p> <p>Partition numbers in different ways (for example, <math>45 = 20 + 25</math> and <math>45 = 30 + 13</math>). Use place value and number facts to solve problems.</p> <p>Continue to recognise, practically find and name <math>\frac{1}{2}</math> or <math>\frac{1}{4}</math> of length, shape, number or quantity</p> <p>Write fractions in number sentences e.g. <math>\frac{1}{2}</math> of 6 = 3</p> <p>Understand and use the terms numerator and denominator.</p> <p>Recognise the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math></p>
Week 2	<p><b>SATS practise</b></p> <p><b>Calculating to solve problems</b></p>	<p>Recall and use addition and subtraction facts to 20 with increasing fluently Begin to find and use related facts addition and subtraction facts up to 100 Estimate answers to calculations</p> <p>Add numbers including: a two-digit number and ones; a two-digit number and tens; two two-digit numbers.</p> <p>Subtract numbers including: a two-digit number and ones; a two-digit number and tens; two two-digit numbers;</p> <p>Use inverse to check the answers to calculations</p>



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		<p>Solve problems with calculations.</p> <p>Make arrays or patterns to show “groups of ”such as 2 lots of 3 and count in groups (multiples) not ones (year 1)</p> <p>Recall and use multiplication and division facts for the 2x, 5x and 10 x tables</p> <p>Record division number sentences for 2x and 10x tables using <math>\div</math> and <math>=</math></p>
Week 3	<b>SATS practise</b>	<p><b>SATS practise</b></p> <p>To recognise and continue patterns involving shape and number</p> <p>To recognise odd and even numbers</p> <p>To solve problems involving shape including symmetry</p> <p>To solve problems involving number</p> <p>To interpret data shown on a graph</p>
Week 4	<b>STATUTORY ASSESSMENT WEEK</b>	<p>Estimate and measure using standard units.</p> <p>To recognise and continue patterns involving shape and number</p> <p>To recognise odd and even numbers</p> <p>To solve problems involving shape including symmetry</p> <p>To solve problems involving number</p> <p>To interpret data shown on a graph</p>
Week 5	<b>Measures – Money to solve problems</b>	<p>Find combinations of coins to make a value within £1</p> <p>Find different combinations of silver coins to amounts e.g. make £1</p> <p>Estimate answers to calculations</p>



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		<p>Add pence including: a two-digit number and ones; a two-digit number and tens; two two-digit numbers; using coins and/or pictorial representations (including crossing the tens boundary)</p> <p>Ensure range of questions that require either take away or difference for subtraction</p> <p>Subtract pence including: a two-digit number and ones; a two-digit number and tens; two two-digit numbers; add three or more one-digit amounts of pence using coins and pictorial representations (including crossing the tens boundary)</p> <p>Subtract pence to give change</p> <p>Use inverse to check the answers to calculations</p> <p>Solve simple problems in a practical context involving addition and subtraction of money</p>
Week 6	Number to solve problems	<p>Add 2 two-digit numbers using concrete objects and informal methods</p> <p>Subtract from a two-digit number using concrete objects and informal methods</p> <p>Use inverse to check answers to calculations</p> <p>Make arrays or patterns to show “groups of “such as 2 lots of 3 and count in groups (multiples) not ones</p> <p>Understand division as sharing and grouping.</p> <p>Reason about number</p> <p>Solve 2 step number problems</p>



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Week 7	<b>Measures- capacity/volume and temperature to solve problems</b>	<p>Work practically with capacity /volume</p> <p>Understand how to use measuring jugs and containers to measure capacity / volume accurately</p> <p>Understand how to read simple scale on measuring jugs or containers</p> <p>Estimate and measure using standard units i.e. litre</p> <p>Compare and order capacity/volume recording the results using &lt; or &gt; and =</p> <p>Understand how to use a thermometer to measure temperature</p> <p>Understand how to read the scale on a thermometer</p> <p>Practically measure temperature to the nearest degree ( ° C) using thermometers</p> <p>Solve problems involving capacity/ volume</p> <p>Solve problems involving temperature</p>
Week 8	<b>Statistics to solve problems</b>	<p>Construct simple pictograms, tally charts block diagrams and simple tables</p> <p>Read and interpret scale including 1:1 and /or 1:2.1:5 and 1:10</p> <p>Ask and answer question about totalling and comparing categorical data</p> <p>Solve problems involving statistics.</p>
Week 9	<b>Fractions to solve problems</b>	<p>Count forwards and backwards in <math>\frac{1}{2}</math>, and <math>\frac{1}{4}</math> to 10</p> <p>Count forwards in <math>\frac{1}{3}</math></p> <p>Continue to recognise, practically find and name <math>\frac{1}{2}</math> or <math>\frac{1}{4}</math> of length, shape, number or quantity</p>



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		<p>Recognise, practically find and name <math>\frac{1}{3}</math> of length, shape, number or quantity</p> <p>Write fractions in number sentences e.g. <math>\frac{1}{2}</math> of 6 = 3</p> <p>Understand and use the terms numerator and denominator.</p> <p>Recognise the equivalence of <math>\frac{2}{4}</math> and <math>\frac{1}{2}</math></p> <p>Solve problems with fractions</p>
Week 10	Measures-weight	<p>To measure weight using scales.</p> <p>To estimate, measure and compare weights.</p> <p>To read scales accurately when weighing objects.</p> <p>To know the difference between g and kg</p> <p>To find fractions of weight.</p>
Week 11	Time to solve problems	<p>Tell the time to five minutes -link to o'clock, half past, quarter to and quarter past</p> <p>Draw hands on a clock face to show given times</p> <p>Write times to match clock faces</p> <p>Know the number of minutes in an hour and the number of hours in a day</p> <p>Solve problems involving time including using a number line</p>
Week 12	Problem solving	<p>Solve problems involving time including using a number line</p> <p>Solve problems with fractions</p> <p>Solve problems involving capacity/ volume</p> <p>Solve problems involving temperature</p>



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		Solve simple problems in a practical context involving addition and subtraction of money.
Week 13	Problem solving	Solve problems involving time including using a number line Solve problems with fractions Solve problems involving capacity/ volume Solve problems involving temperature Solve simple problems in a practical context involving addition and subtraction of money