St. Teresa's R.C Primary School

Doing Little Things Well

Year 2 Long Term Plan

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<td>Autumn</td>
<td colspan="2"><u>Number : Place value</u>
<u>(6 weeks)</u>
I can count in steps of 2,3, and 5's from 0 across 100 forward and backwards
I can count in 10's from any number forwards and backwards
I can recognise the place value of each digit in a two-digit number (tens and ones) including partitioning numbers in different ways (e.g. 23=20+3 and 23= 10+13) to support subtraction.
I can identify, represent and estimate numbers using different representations, including a number line
I can use place value and number facts to solve problems
Compare and order numbers up to 100; use <,> and =.
Read and write numbers to at least 100 in numerals and words.</td>
<td colspan="2"><u>Number : Addition and subtraction</u>
<u>(6 weeks)</u>
I can use mental and written methods to solve problems
I can solve problems using concrete objects and pictorial representations, including those involving numbers, quantities and measures.
I can recall and use addition and subtraction facts to 20 fluently and derive and use related facts to 100.
I can add and subtract numbers and estimate using concrete objects, pictorial representations and mentally.
I can add and subtract a two-digit number and ones
I can add and subtract a two-digit number and tens
I can add and subtract two two-digit numbers
I can add three one digit numbers
Include language of sum and difference
I can recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems
I can show addition of two numbers can be done in any order and subtraction of one number from another cannot.</td>
<td colspan="2"><u>Geometry : shape</u>
<u>(2 weeks)</u>
I can identify and describe the properties of 2D shapes, including number of sides and symmetry in a vertical line (including quadrilaterals and polygons)
I can identify and describe properties of 3D shapes including edges, vertices and faces (including cuboids, prisms and cones)
I can identify 2D shapes on the surface of 3D shapes
I can compare and sort common 2D and 3D shapes and everyday objects</td>
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<td>Spring</td>
<td><u>Measurement: money</u>
<u>(3 weeks)</u>
I can use the symbols for (£) pounds and pence (p) and record pounds and pence separately.
I can combine amounts to make a total and use different combinations of coins to the same amounts
I can solve money problems in a practical context involving addition and subtraction money of the same units, including giving change.</td>
<td><u>Number : Multiplication and division</u>
<u>(3 weeks)</u>
I know multiplication facts for 2 , 5 and 10 x tables and corresponding division facts, including odd and even numbers
I can calculate x and ÷ within the times tables and write the calculation using the x, ÷ and = signs
I can recognise and use the inverse of x and ÷
I can show that multiplication is commutative, done in any order, and that division is not.
I can solve simple single step problems using arrays, repeated addition, mental methods, multiplication and division facts including problems in context.
Know doubles of all numbers to 20 and corresponding halves.</td>
<td><u>Statistics</u>
<u>(1 week)</u>
I can interpret and construct simple pictograms, tally charts, block diagrams and simple tables
I can ask and answer simple questions by counting the number of objects in each category and sorting the categories by quantity.
I can ask and answer questions about totalling and comparing categorical data..</td>
<td><u>Number : fractions</u>
<u>(2 weeks)</u>
I can recognise, find name and write fractions ½ and ¼ of a length, shape, set of objects or quantity
I can recognise, find name and write fractions 2/4 of a length, shape, set of objects or quantity
I can write simple fractions eg ½ of 6 = 3
I can recognise equivalence of simple fractions. I know that 2/4 = ½
I can recognise, find name and write fractions revisit ½, ¼ ,introduce 1/3 ¾, of a length, shape, set of objects or quantity
I can write simple fractions eg ½ of 6 = 3 and recognise the equivalence of 2/4 = ½.</td>
<td><u>Measurement:: time</u>
<u>(2 weeks)</u>
I can compare and sequence intervals of time
I can say the number of minutes in an hour and number of hours in a day
I can tell and write the time to quarter to and draw the hands on a clock face.
I can compare and sequence intervals of time
I can tell and write the time quarter past on an analogue clock
I can compare and sequence intervals of time
I can tell and write the time in 5 minute intervals; including quarter to and past on an analogue clock and draw the hands on a clock face to show these times.</td>
<td><u>Measurement : capacity</u>
<u>(1 week)</u>
I can choose and use appropriate standard units to estimate and measure capacity (litres/ml) in any direction to the nearest appropriate unit using measuring vessels
I can compare and order volume/capacity s and record the results using < > =
Read relevant scales to the nearest numbered unit 2, 5 and 10</td>
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<td>Summer</td>
<td colspan="2"><u>Geometry : position and direction</u>
<u>(1 week)</u>
I can order and arrange combinations of mathematical objects in patterns and sequences.
I can 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 angels for quarter, half and three quarter turns (clockwise and anti-clockwise)</td>
<td colspan="2"><u>Measurement : ;length, height, weight and mass</u>
I can choose and use appropriate standard units to estimate and measure length/height in any direction to the nearest appropriate unit using rulers.
Compare and order lengths and record the results using greater than, less than and equals.
I can choose and use appropriate standard units to estimate and measure temperature (°C) in any direction to the nearest appropriate unit thermometer.
I can choose and use appropriate standard units to estimate and measure mass(kg/g) in any direction to the nearest appropriate unit using scales.
Compare and order mass and record the results using < > = .</td>
<td colspan="2"><u>Problem solving</u>

I can use place value and number facts to solve problems.
I can solve problems with addition and subtraction, using concrete objects and pictorial representations, including those involving numbers, quantities and measures.
I recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.
I can solve problems involving multiplication and division, using materials, arrays, repeated addition, mental methods, and multiplication and division facts, including problems in context.</td>
<td><u>Consolidation of addition and subtraction</u></td>
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