

ASSESSING MATHS: YEAR 2

NUMBER			
Place Value	Addition / Subtraction	Multiplication / Division	Fractions / Decimals
<ul style="list-style-type: none"> - Use place value and number facts to solve problems. - Count in 2s, 3s and 5s from 0 and any number forwards and backwards - Count in 10s from any number, forwards and backwards. - Recognise place value of each digit in 2-digit numbers. - Compare and order numbers up to 100 - Use the symbols $<$, $>$ and $=$ correctly. - Identify, estimate and represent numbers using different representations including number lines. - Read & write numbers in numerals and words from 1 to 100. - Recognise 0 as a placeholder. 	<ul style="list-style-type: none"> - Recall and use addition and number facts to 20 fluently and derive and use related facts to 100 e.g. $3+7=10$ so $30+70=100$ - Add/Subtract numbers using concrete objects, pictures and mentally including: $TU+U$, $TU+T$, $TU+TU$, $U+U+U$. - Show that addition of 2 numbers can be done in any order (commutative) and subtraction cannot. - Solve problems with Addition/Subtraction using concrete objects and pictures. - Recognise and use the inverse relationship between Addition/Subtraction and use to check calculations and solve missing number problems. - Partition numbers in different ways. e.g. $23=20+3$ $23=10+13$ 	<ul style="list-style-type: none"> - TIMES TABLES: 2, 5, 10 and 3 (x and \div facts) - Recognise odd and even numbers. - Write numbers sentences for 2, 5 and 10 times tables and their related division facts. - Show that multiplication of 2 numbers can be done in any order but division cannot. - Solve problems involving x/\div using materials, arrays, repeated addition, mental methods and x/\div facts. 	<ul style="list-style-type: none"> - Recognise, find, name and write fractions $1/3$, $1/4$, $2/4$ and $3/4$ of a length, shape, set of objects or quantity. - Write simple fraction calculations. e.g. $1/2$ of 6 = 3 - Recognise the equivalence of $2/4$ and $1/2$. - Count in fractions to 10 e.g. 1, $1 \frac{1}{2}$, 2, $2 \frac{1}{2}$...
MEASUREMENT			
Measures / Money / Time			
<ul style="list-style-type: none"> - Choose and use appropriate standard units to measure; length/height (m/cm); mass (kg/g); temperature ($^{\circ}\text{C}$); capacity (litres/ml). - Estimate all the above to the nearest appropriate unit, using equipment. - Compare and order lengths, mass, column/capacity and record the results using $>$, $<$ and $=$ - 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 $+/-$ of money - Calculate change to be given. - Compare and sequence intervals of time. - Tell and write the time to 5 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 & hours in a day. 			
GEOMETRY			
Properties of Shape (incl. Angles)	Position and Direction		
<ul style="list-style-type: none"> - Identify and describe the properties of 2d shapes including: number of sides, line symmetry in a vertical line. - Compare and sort 2d and 3d shapes and everyday objects. - Identify and describe the properties of 3d shapes including number of edges, vertices, faces. - Identify 2d shapes on the surface of 3d shapes. e.g. circle on a cylinder - Read and write the names of shapes appropriate to their reading and speaking ability. - Draw lines and shapes using a ruler. 	<ul style="list-style-type: none"> - Order and arrange combinations of mathematical objects in patterns and sequences. - Use mathematical vocabulary to describe position, direction and movement including movement in a straight line. - Distinguish between rotation as a turn and in terms of right angles for $1/4$, $1/2$ and $3/4$ turns. - Understand the terms clockwise & anti-clockwise. 		

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STATISTICS

Drawing / Extracting / Interpreting

- Construct simple pictograms, tally charts, block diagrams and tables.
- Draw pictograms where one symbol represents multiple units.
- Interpret simple pictograms, tally charts, block diagrams and tables in a variety of contexts.
- 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.