| Year Two Maths  |  |  |  |  |  |  |  |  |  |       |  |  |
|---|--|--|--|--|--|--|--|--|--|-------|--|--|
|   |  |  |  |  |  |  |  |  |  | Notes |  |  |
|   |  |  |  |  |  |  |  |  |  |       |  |  |
| NUMBER AND PLACE VALUE  |  |  |  |  |  |  |  |  |  |       |  |  |
| Can read all numbers to at least 100 in numerals.   |  |  |  |  |  |  |  |  |  |       |  |  |
| Can write all numbers to at least 100 in numerals.  |  |  |  |  |  |  |  |  |  |       |  |  |
| Can read all numbers to at least 100 in words.  |  |  |  |  |  |  |  |  |  |       |  |  |
| Can write all numbers to at least 100 in words.   |  |  |  |  |  |  |  |  |  |       |  |  |
| Can recognise odd and even numbers to 100.  |  |  |  |  |  |  |  |  |  |       |  |  |
| Can recognise the place value of each digit in a two digit number.                                      |  |  |  |  |  |  |  |  |  |       |  |  |
| Can count forwards in steps of 2, 3 and 5 from 0.   |  |  |  |  |  |  |  |  |  |       |  |  |
| Can count backwards in steps of 2, 3 and 5 from any given number.                                       |  |  |  |  |  |  |  |  |  |       |  |  |
| Can identify, represent and estimate numbers using different representations including the number line. |  |  |  |  |  |  |  |  |  |       |  |  |

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|---|---|---|------|---|---|---|---|------|
| Can compare and order numbers from 0 to 100 using     |   |   |      |   |   |   |   |      |
| the < and > and = signs.                              |   |   |      |   |   |   |   |      |
| Can recognise and can define the place value of each  |   |   |      |   |   |   |   |      |
| digit in a 2 digit number.                            |   |   |      |   |   |   |   |      |
| Can use place value and number facts to solve         |   |   |      |   |   |   |   |      |
| addition problems.                                    |   |   |      |   |   |   |   |      |
| Can use place value and number facts to solve         |   |   |      |   |   |   |   |      |
| subtraction problems.                                 |   |   |      |   |   |   |   |      |
| CALCULATION   |   |   |      |   |   |   |   |      |
| Can recall and use number facts to 10 fluently.       |   |   |      |   |   |   |   |      |
|   |   |   |      |   |   |   |   |      |
| Can use and recall number facts to 20 fluently.       |   |   |      |   |   |   |   |      |
|   |   |   |      |   |   |   |   |      |
| Can add mentally within 20.                           |   |   |      |   |   |   |   |      |
|   |   |   |      |   |   |   |   |      |
| Can subtract mentally within 20.                      |   |   |      |   |   |   |   |      |
|   |   |   |      |   |   |   |   |      |
| Can add mentally including a 2 digit number and ones. |   |   |      |   |   |   |   |      |
|   |   |   |      |   |   |   |   |      |
| Can subtract mentally including a 2 digit number and  |   |   |      |   |   |   |   |      |
| ones.   |   |   |      |   |   |   |   |      |
| Can add mentally including a 2 digit number and tens. |   |   |      |   |   |   |   |      |
|   |   |   |      |   |   |   |   |      |
| Can subtract mentally including a 2 digit number and  |   |   |      |   |   |   |   |      |
| tens.   |   |   |      |   |   |   |   |      |
|   |   |   | <br> |   |   |   |   |      |
| Can add mentally including two 2 digit numbers.       |   |   |      |   |   |   |   |      |
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| Can authorate manifelli, including thus 2 disit will be |  |  |  |  |  |  |
|---|--|--|--|--|--|--|
| Can subtract mentally including two 2 digit numbers.    |  |  |  |  |  |  |
| Can add mantally three 1 digit numbers                  |  |  |  |  |  |  |
| Can add mentally three 1 digit numbers.                 |  |  |  |  |  |  |
| Can use and recall number facts to 20 fluently and      |  |  |  |  |  |  |
| derive and use related facts to 100.                    |  |  |  |  |  |  |
| Can recognise and use the inverse relationship          |  |  |  |  |  |  |
| between + and - and use to check calculations.          |  |  |  |  |  |  |
| Can recognise and use the inverse relationship          |  |  |  |  |  |  |
| between + and - and use to solve missing number         |  |  |  |  |  |  |
| problems.   |  |  |  |  |  |  |
| Can solve problems with + and - using concrete          |  |  |  |  |  |  |
| objects and pictorial representations involving         |  |  |  |  |  |  |
| numbers.  |  |  |  |  |  |  |
| Can solve problems with + and - using concrete          |  |  |  |  |  |  |
| objects and pictorial representation involving          |  |  |  |  |  |  |
| quantities, money and measures.                         |  |  |  |  |  |  |
| Can recall and use multiplication and division facts    |  |  |  |  |  |  |
| for the 2, 5 and 10 x tables.                           |  |  |  |  |  |  |
| Can calculate mathematical statements for               |  |  |  |  |  |  |
| multiplication and division within the multiplication   |  |  |  |  |  |  |
| tables and write them using $x$ , :- and = signs.       |  |  |  |  |  |  |
| Can solve problems involving $x :- using materials$ ,   |  |  |  |  |  |  |
| arrays, repeated addition, mental methods, x and :-     |  |  |  |  |  |  |
| facts, including problems in context.                   |  |  |  |  |  |  |
|   |  |  |  |  |  |  |
| Knows that addition of 2 numbers can be done in any     |  |  |  |  |  |  |
| order (commutative) and that subtraction cannot.        |  |  |  |  |  |  |

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| Knows that multiplication of 2 numbers can be done                                  |   |   |  |  |  |  |   |
| in any order (commutative) and that division of one                                 |   |   |  |  |  |  |   |
| number by another cannot.   |   |   |  |  |  |  |   |
| FRACTIONS   |   |   |  |  |  |  |   |
| Can recognise, find, write and name $1/3$ , $\frac{1}{4}$ , $2/4$ and $\frac{3}{4}$ |   |   |  |  |  |  |   |
| <mark>of a length or shape.</mark>  |   |   |  |  |  |  |   |
| Can recognise, find, write and name $1/3$ , $\frac{1}{4}$ , $2/4$ and $\frac{3}{4}$ |   |   |  |  |  |  |   |
| of a set of objects or a quantity.  |   |   |  |  |  |  |   |
| Can write simple fractions.   |   |   |  |  |  |  |   |
|   |   |   |  |  |  |  |   |
| Can recognise the equivalence of $2/4$ and $\frac{1}{2}$ .                          |   |   |  |  |  |  |   |
|   |   |   |  |  |  |  |   |
| MEASUREMENT   |   |   |  |  |  |  |   |
| Can choose and use appropriate standard units to                                    |   |   |  |  |  |  |   |
| estimate length, height, temperature and capacity.                                  |   |   |  |  |  |  |   |
| Can compare and order lengths, mass,  |   |   |  |  |  |  |   |
| volume/capacity and record the results using > , < or                               |   |   |  |  |  |  |   |
| =   |   |   |  |  |  |  |   |
| Can choose and use standard units to estimate and                                   |   |   |  |  |  |  |   |
| measure mass in kg and g using scales.  |   |   |  |  |  |  |   |
| Can choose and use standard units to estimate and                                   |   |   |  |  |  |  |   |
| measure length/height in any direction in m and cm                                  |   |   |  |  |  |  |   |
| using rulers.   |   |   |  |  |  |  |   |
| Can choose and use standard units to measure  |   |   |  |  |  |  |   |
| temperature in C using thermometers.  |   |   |  |  |  |  |   |
|   |   |   |  |  |  |  |   |
| Can choose and use standard units to measure  |   |   |  |  |  |  |   |
| capacity in I and mI using measuring vessels.                                       |   |   |  |  |  |  |   |

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|--|--|---|---|--|--|--|
| Can recognise and use the symbols £ and p and          |  |   |   |  |  |  |
| combine amounts to make a particular value – up to     |  |   |   |  |  |  |
| £1.  |  |   |   |  |  |  |
| Can recognise and use the symbols £ and p and          |  |   |   |  |  |  |
| combine amounts to make a particular value – up to     |  |   |   |  |  |  |
| £5.  |  |   |   |  |  |  |
| Can find different combinations of coins that equal    |  |   |   |  |  |  |
| the same value to £1.                                  |  |   |   |  |  |  |
| Can find different combinations of coins that equal    |  |   |   |  |  |  |
| the same value to £5.                                  |  |   |   |  |  |  |
| Can give change from £1.                               |  |   |   |  |  |  |
| Can solve simple problems in a practical context       |  |   |   |  |  |  |
| involving addition and subtraction of money, including |  |   |   |  |  |  |
| working out change.                                    |  |   |   |  |  |  |
| Can tell the time to the hour, half and quarter past   |  |   |   |  |  |  |
| and to.  |  |   |   |  |  |  |
| Can tell and write the time to 5 minute intervals.     |  |   |   |  |  |  |
|  |  |   |   |  |  |  |
| Can draw the hands on the clock to show the above      |  |   |   |  |  |  |
| times.   |  |   |   |  |  |  |
| Can compare and sequence intervals of time.            |  |   |   |  |  |  |
|  |  |   |   |  |  |  |
| Knows the number of minutes in an hour.                |  |   |   |  |  |  |
|  |  |   |   |  |  |  |
| Knows the numbers of hours in a day.                   |  |   |   |  |  |  |
| ·  |  |   |   |  |  |  |
| GEOMETRY - PROPERTIES OF SHAPES.                       |  |   |   |  |  |  |
| Can compare and sort common 2D shapes and              |  |   |   |  |  |  |
|  |  | • |   |  |  |  |

| objects.   |   |  |  |  |  |
|--|---|--|--|--|--|
| Can compare and sort common 3D shapes and  |   |  |  |  |  |
| objects.   |   |  |  |  |  |
| -  |   |  |  |  |  |
| Can identify and describe the properties of 2D   |   |  |  |  |  |
| shapes, including the number of sides.   |   |  |  |  |  |
| Can identify lines of symmetry in 2D shapes.   |   |  |  |  |  |
| Can describe the properties of 3D shapes to include  |   |  |  |  |  |
| the number of edges, vertices and faces.   |   |  |  |  |  |
| Can identify 2D shapes on the surface of 3D shapes.  |   |  |  |  |  |
| GEOMETRY - POSITION AND DIRECTION  |   |  |  |  |  |
| Can order and arrange combinations of mathematical   |   |  |  |  |  |
| objects in patterns and sequences.   |   |  |  |  |  |
| objects in participle and bequeiness.  |   |  |  |  |  |
| Can use mathematical vocabulary to describe  |   |  |  |  |  |
| position, direction and movement.  |   |  |  |  |  |
| Francisco and the content of the con |   |  |  |  |  |
| 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 angles for a quarter,  |   |  |  |  |  |
| half and three quarter turn (clockwise and anti-   |   |  |  |  |  |
| clockwise).  |   |  |  |  |  |
|  |   |  |  |  |  |
| STATISTICS   |   |  |  |  |  |
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| Can interpret and construct pictograms.  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|
| Can interpret and construct tally charts.  |  |  |  |  |  |  |
| Can interpret and construct block diagrams.  |  |  |  |  |  |  |
| Can interpret and construct simple tables.   |  |  |  |  |  |  |
| Can answer simple questions by counting the number of objects represented in each category and sorting the categories by quantity. |  |  |  |  |  |  |
| Can ask simple questions about the data represented.   |  |  |  |  |  |  |
| Can answer simple questions involving totalling and comparing information.   |  |  |  |  |  |  |
| Can ask answer simple questions about totalling and comparing information.   |  |  |  |  |  |  |

Y2 KEY PERFORMANCE INDICATORS