

| For the children to be next year they MUST BE secure in all of the red statements and show they can apply them to higher order problems |                                                                                                                                                 |       |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|--|--|--|--|--|
| Yr 6                                                                                                                                    | Name                                                                                                                                            | Class |  |  |  |  |  |
| Time                                                                                                                                    | I can recall quickly all the multiplication & division facts for tables up to 12 x 12 & can use them confidently in larger calculations         |       |  |  |  |  |  |
| Number & Place Value                                                                                                                    | I can read, write order and compare numbers up to 10,000,000 and determine the value of each digit                                              |       |  |  |  |  |  |
|                                                                                                                                         | I can round any whole number to a required degree of accuracy                                                                                   |       |  |  |  |  |  |
|                                                                                                                                         | I can use negative numbers in context and calculate intervals across zero                                                                       |       |  |  |  |  |  |
| Addition, Subtraction, Multiplication & Division                                                                                        | I can multiply numbers up to 4-digits by a 2-digit number using long multiplication                                                             |       |  |  |  |  |  |
|                                                                                                                                         | I can divide numbers up to 4-digits by a 2-digit number using long division, & interpret remainders as appropriate e.g. fractions, rounding     |       |  |  |  |  |  |
|                                                                                                                                         | I can divide numbers up to 4-digits by a 2-digit number using short division and interpreting remainders as appropriate e.g fractions, rounding |       |  |  |  |  |  |
|                                                                                                                                         | I can use mental calculations, including mixed operations                                                                                       |       |  |  |  |  |  |
|                                                                                                                                         | I can identify common factors, multiples and prime numbers                                                                                      |       |  |  |  |  |  |
|                                                                                                                                         | I can solve addition & subtraction multi-step word problems                                                                                     |       |  |  |  |  |  |
|                                                                                                                                         | I can solve problems involving addition, subtraction, multiplication & division                                                                 |       |  |  |  |  |  |
|                                                                                                                                         | I can use reasoning about numbers and relationships to solve complex problems.                                                                  |       |  |  |  |  |  |
|                                                                                                                                         | I can use estimation to check answers in the context of a problem                                                                               |       |  |  |  |  |  |
| Fractions, Decimals & Percentages                                                                                                       | I can find percentages of amounts e.g. 35% of 240                                                                                               |       |  |  |  |  |  |
|                                                                                                                                         | I can identify equivalences between fractions, decimals and percentages                                                                         |       |  |  |  |  |  |
|                                                                                                                                         | I can solve problems which require answers to be rounded up or down                                                                             |       |  |  |  |  |  |
|                                                                                                                                         | I can calculate decimal fraction equivalents e.g. $0.375 = \frac{3}{8}$                                                                         |       |  |  |  |  |  |
|                                                                                                                                         | I can use written division methods with an answer of up to 2 decimal places                                                                     |       |  |  |  |  |  |
|                                                                                                                                         | I can multiply 1-digit numbers with up to 2 decimals places, by whole numbers                                                                   |       |  |  |  |  |  |
|                                                                                                                                         | I can multiply and divide decimal numbers by 10, 100, 1000                                                                                      |       |  |  |  |  |  |
|                                                                                                                                         | I can divide fractions by whole numbers $\frac{1}{3}$ divide by 2 = $\frac{1}{6}$                                                               |       |  |  |  |  |  |
|                                                                                                                                         | I can multiply fractions and show the answer in its simplest form                                                                               |       |  |  |  |  |  |
|                                                                                                                                         | I can add and subtract fractions with different denominators and mixed numbers                                                                  |       |  |  |  |  |  |
|                                                                                                                                         | I can add and subtract fractions with different denominators                                                                                    |       |  |  |  |  |  |
|                                                                                                                                         | I can compare and order fractions < and > 1                                                                                                     |       |  |  |  |  |  |
|                                                                                                                                         | I can convert fractions to the same denomination, using common multiples                                                                        |       |  |  |  |  |  |
|                                                                                                                                         | I can simplify fractions                                                                                                                        |       |  |  |  |  |  |

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|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|--------------------------------------------------------------|--|--|
| Ratio & Proportion                                      | I can solve problems involving unequal sharing using knowledge of fractions & multiples                                                                |                                                                                       |  |                                                              |  |  |
|                                                         | I can solve problems involving similar shapes where the scale factor is known or can be found                                                          |                                                                                       |  |                                                              |  |  |
|                                                         | I can solve problems involving the relative sizes of 2 quantities where missing values can be found by using integer multiplication and division facts |                                                                                       |  |                                                              |  |  |
| Algebra                                                 | I can enumerate possibilities of combinations of 2 variables e.g. number puzzles                                                                       |                                                                                       |  |                                                              |  |  |
|                                                         | <b>I can find pairs of numbers that satisfy an equation with 2 unknowns</b>                                                                            |                                                                                       |  |                                                              |  |  |
|                                                         | I can express missing number problems algebraically                                                                                                    |                                                                                       |  |                                                              |  |  |
|                                                         | I can generate & describe linear number sequences                                                                                                      |                                                                                       |  |                                                              |  |  |
|                                                         | <b>I can use simple formulae</b>                                                                                                                       |                                                                                       |  |                                                              |  |  |
| Measurement                                             | I can estimate & compare volume of cubes & cuboids                                                                                                     |                                                                                       |  |                                                              |  |  |
|                                                         | <b>I can calculate the area of parallelograms and triangles</b>                                                                                        |                                                                                       |  |                                                              |  |  |
|                                                         | I can recognise that shapes with the same areas can have different perimeters & vice versa                                                             |                                                                                       |  |                                                              |  |  |
|                                                         | I can convert between miles & kilometres                                                                                                               |                                                                                       |  |                                                              |  |  |
|                                                         | <b>I can solve problems involving conversion of units of measure up to 3 decimal places</b>                                                            |                                                                                       |  |                                                              |  |  |
|                                                         | I can convert between standard units up to 3 decimal places                                                                                            |                                                                                       |  |                                                              |  |  |
| Geometry - Properties of shapes, position & direction   | I can recognise angles where they meet at a point, on a straight line or are vertically opposite                                                       |                                                                                       |  |                                                              |  |  |
|                                                         | <b>I can find missing angles</b>                                                                                                                       |                                                                                       |  |                                                              |  |  |
|                                                         | I can name parts of circles, including radius, diameter & circumference                                                                                |                                                                                       |  |                                                              |  |  |
|                                                         | I can recognise that the diameter is twice the radius                                                                                                  |                                                                                       |  |                                                              |  |  |
|                                                         | I can compare & classify geometric shapes based on their properties                                                                                    |                                                                                       |  |                                                              |  |  |
|                                                         | I can find unknown angles in any triangles, quadrilaterals & regular polygons                                                                          |                                                                                       |  |                                                              |  |  |
|                                                         | I can recognise, describe & build simple 3-D shapes, including making nets                                                                             |                                                                                       |  |                                                              |  |  |
|                                                         | I can draw 2-D shapes using given dimensions & angles                                                                                                  |                                                                                       |  |                                                              |  |  |
|                                                         | I can draw & translate simple shapes on the co-ordinate plane & reflect them in the axes                                                               |                                                                                       |  |                                                              |  |  |
|                                                         | I can describe positions in all 4 quadrants                                                                                                            |                                                                                       |  |                                                              |  |  |
|                                                         |                                                                                                                                                        |                                                                                       |  |                                                              |  |  |
| Statistics                                              | I can calculate & interpret the mean as an average                                                                                                     |                                                                                       |  |                                                              |  |  |
|                                                         | I can interpret & construct pie charts & use them to solve problems                                                                                    |                                                                                       |  |                                                              |  |  |
|                                                         | I can interpret & construct line graphs & use them to solve problems                                                                                   |                                                                                       |  |                                                              |  |  |
| Developing 1 - 18<br>Some coverage and evidence.<br>Y6D |                                                                                                                                                        | Secure 19 - 36<br>Coverage and evidence of work within the stage expectations.<br>Y6S |  | Ready 37 - 54<br>Most concepts covered and evidenced.<br>Y7R |  |  |