

| I can identify prime numbers. |  |  |  |  |  |  |  |  |  |
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| I can perform mental calculations, including with <br> mixed operations and large numbers. |  |  |  |  |  |  |  |  |  |
| I can multiply multi- digit numbers up to 4 digits by a <br> 2 digit whole number using the formal written <br> method of long multiplication. |  |  |  |  |  |  |  |  |  |
| I can divide numbers up to 4 digits by a 2 digit whole <br> number using the formal written method of long <br> division, and interpret remainders as whole number <br> remainders, fractions, or by rounding, as appropriate <br> for the context. |  |  |  |  |  |  |  |  |  |
| I can divide numbers up to 4 digits by a 2 digit whole <br> number using the formal written method of short <br> division where appropriate. |  |  |  |  |  |  |  |  |  |
| I can solve problems involving addition. |  |  |  |  |  |  |  |  |  |
| I can solve problems involving subtraction. |  |  |  |  |  |  |  |  |  |
| I can solve problems involving multiplication. |  |  |  |  |  |  |  |  |  |
| I can solve problems involving division. |  |  |  |  |  |  |  |  |  |
| I can use my knowledge of the order of operations <br> to carry out calculations involving the four <br> operations. |  |  |  |  |  |  |  |  |  |
| FRACTIONS/DECIMALS/PERCENTAGES |  |  |  |  |  |  |  |  |  |
| I can use common factors to simplify fractions and <br> use common multiples to express fractions in the <br> same denomination. |  |  |  |  |  |  |  |  |  |
| I can compare and order fractions including <br> fractions > 1. |  |  |  |  |  |  |  |  |  |
| I can add and subtract fractions with different |  |  |  |  |  |  |  |  |  |


| denominators and mixed numbers, using the concept <br> of equivalent fractions. |  |  |  |  |  |  |  |  |  |  |
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| I can multiply simple pairs of proper fractions, <br> writing the answer in the simplest form. |  |  |  |  |  |  |  |  |  |  |
| I can divide proper fractions by whole numbers. |  |  |  |  |  |  |  |  |  |  |
| I can associate a fraction with division to calculate <br> decimal fractions equivalents for a simple fraction. |  |  |  |  |  |  |  |  |  |  |
| I can identify the value of each digit to 3dp. |  |  |  |  |  |  |  |  |  |  |
| I can multiply and divide 10, 100 and 1000 giving <br> answers up to 3dp. |  |  |  |  |  |  |  |  |  |  |
| I can multiply 1 digit numbers with up to 2dp by <br> whole numbers. |  |  |  |  |  |  |  |  |  |  |
| I can use written division methods in cases where <br> the answer has up to 2dp. |  |  |  |  |  |  |  |  |  |  |
| I can solve problems which require decimal answers <br> to be rounded to specified degrees of accuracy. |  |  |  |  |  |  |  |  |  |  |
| I can recall and use equivalences between simple <br> fractions, decimals and percentages, including in <br> different contexts. |  |  |  |  |  |  |  |  |  |  |
| RATIO AND PROPORTION |  |  |  |  |  |  |  |  |  |  |
| I can solve problems involving the relative sizes of <br> two quantities, where missing values can be found <br> using integer multiplication and division facts. |  |  |  |  |  |  |  |  |  |  |
| I can solve problems involving the calculation of <br> percentages and the use of percentage comparisons. |  |  |  |  |  |  |  |  |  |  |
| I can solve problems involving similar shapes where <br> the scale factor is known or can be found. |  |  |  |  |  |  |  |  |  |  |
| I can solve problems involving unequal sharing and |  |  |  |  |  |  |  |  |  |  |


| grouping using knowledge of fractions and multiplies. |  |  |  |  |  |  |  |  |  |  |
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| ALGEBRA |  |  |  |  |  |  |  |  |  |  | I can express missing number problems algebraically.


| for the volume of shapes. |  |  |  |  |  |  |  |  |  |  |
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| I can solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 decimal places where appropriate. |  |  |  |  |  |  |  |  |  |  |
| GEOMETRY - PROPERTIES OF SHAPES. |  |  |  |  |  |  |  |  |  |  |
| I can compare and classify geometric shapes based on the properties and sizes. |  |  |  |  |  |  |  |  |  |  |
| I can describe simple 3D shapes. |  |  |  |  |  |  |  |  |  |  |
| I can draw 2D shapes given dimensions and angles. |  |  |  |  |  |  |  |  |  |  |
| I recognise simple 3D shapes, including nets. |  |  |  |  |  |  |  |  |  |  |
| I can build simple 3D shapes, including making nets |  |  |  |  |  |  |  |  |  |  |
| I can find unknown angles and lengths in any triangles. |  |  |  |  |  |  |  |  |  |  |
| I can find unknown angles and lengths in any quadrilateral. |  |  |  |  |  |  |  |  |  |  |
| I can find unknown angles and lengths in regular polygons. |  |  |  |  |  |  |  |  |  |  |
| I recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles. |  |  |  |  |  |  |  |  |  |  |
| I can illustrate and name parts of circles, including radius, diameter and circumference. |  |  |  |  |  |  |  |  |  |  |
| I know the diameter is twice the radius. |  |  |  |  |  |  |  |  |  |  |
| GEOMETRY - POSITION AND DIRECTION |  |  |  |  |  |  |  |  |  |  |
| I can draw simple shapes on the co-ordinate plane. |  |  |  |  |  |  |  |  |  |  |
| I can translate simple shapes on the co-ordinate plane. |  |  |  |  |  |  |  |  |  |  |
| I can reflect simple shapes in the axes. |  |  |  |  |  |  |  |  |  |  |


| I can describe positions on the full co-ordinate grid (all 4 quadrants) |  |  |  |  |  |  |  |  |  |  |  |
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| STATISTICS |  |  |  |  |  |  |  |  |  |  |  |
| I can interpret pie charts and use these to solve problems. |  |  |  |  |  |  |  |  |  |  |  |
| I can interpret line graphs and use these to solve problems. |  |  |  |  |  |  |  |  |  |  |  |
| I can construct pie charts. |  |  |  |  |  |  |  |  |  |  |  |
| I can construct line graphs. |  |  |  |  |  |  |  |  |  |  |  |
| I can calculate and interpret the mean as an average. |  |  |  |  |  |  |  |  |  |  |  |

## Y6 KEY PERFORMANCE INDICATORS

