|  | Evidence collection |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Meeting statements |  |  |  |  |  |  |
| Number, Place Value, approximation estimation and rounding |  |  |  |  |  |  |
| I can read, write, order and compare numbers up to 10,000,000 and determine the value of each digit |  |  |  |  |  |  |
| I can round any number to a required degree of accuracy |  |  |  |  |  |  |
| I can use negative numbers in context and calculate intervals across zero |  |  |  |  |  |  |
| I can solve number problems and practical problems with the above |  |  |  |  |  |  |
| Calculations |  |  |  |  |  |  |
| I can use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy |  |  |  |  |  |  |
| I can solve addition and subtraction multi step problems in contexts, deciding which operations and methods to use and why |  |  |  |  |  |  |
| I can identify common factors, common multiples and prime numbers |  |  |  |  |  |  |
| I can perform mental calculations, including with mixed operations and large numbers |  |  |  |  |  |  |
| I can multiply multi digit numbers up to 4 digits by a 2 digit whole number using the formal written method of long multiplication |  |  |  |  |  |  |
| I can divide numbers up to 4 digits by a 2 digit whole number using the formal written method of long division and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context |  |  |  |  |  |  |
| I can divide numbers up to 4 digits by a 2 digit number using the formal written method of short division where appropriate |  |  |  |  |  |  |
| I can solve problems involving addition, subtraction, multiplication and division |  |  |  |  |  |  |
| I can use my knowledge of the order of operations to carry out calculations involving the four operations |  |  |  |  |  |  |
| Fractions, decimals and percentages |  |  |  |  |  |  |
| I can use common factors to simplify fractions and use common multiples to express fractions in the same denomination |  |  |  |  |  |  |
| I can compare and order fractions, including fractions >1 |  |  |  |  |  |  |


| I can add and subtract fractions with different denominations and mixed numbers, using the concept of equivalent fractions |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I can multiply simple pairs of proper fractions, writing the answer in their simplest form |  |  |  |  |  |  |
| I can divide proper fractions by whole numbers |  |  |  |  |  |  |
| I can associate a fraction with division to calculate decimal fraction equivalents for a simple fraction |  |  |  |  |  |  |
| I can identify the value of each digit to 3 decimal places and multiply and divide numbers by 10,100 and 1000 giving answers up to 3 decimal places. |  |  |  |  |  |  |
| I can multiply 1 digit numbers with up to 2 decimal places by whole numbers |  |  |  |  |  |  |
| I can use written division methods in cases where the answer has up to 2 decimal places |  |  |  |  |  |  |
| I can solve problems which require answers to be rounded to specified degrees of accuracy |  |  |  |  |  |  |
| I can recall and use equivalences between simple fractions, decimals and percentages, including in different contexts |  |  |  |  |  |  |
| Ratio and Proportion |  |  |  |  |  |  |
| I can solve problems involving the relative sizes of two quantities, where missing values can be found using integer multiplication and division facts |  |  |  |  |  |  |
| I can solve problems involving the calculation of percentages and the use of percentage comparisons |  |  |  |  |  |  |
| I can solve problems involving similar shapes where the scale factor is known or can be found |  |  |  |  |  |  |
| I can solve problems involving unequal sharing and grouping using knowledge of fractions and multiples |  |  |  |  |  |  |
| Algebra |  |  |  |  |  |  |
| I can express missing number problems algebraically |  |  |  |  |  |  |
| I can use a simple formulae |  |  |  |  |  |  |
| I can generate and describe linear number sequences |  |  |  |  |  |  |
| I can find pairs of numbers that satisfy an equation with two unknowns |  |  |  |  |  |  |
| I can enumerate possibilities of combinations of two variables |  |  |  |  |  |  |
| Measurement |  |  |  |  |  |  |


| I can read, write and convert between standard units, converting measurement of length, mass, volume, and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation of up to 3 decimal places |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| I can convert between miles and kilometres |  |  |  |  |  |  |  |
| I recognise that shapes with the same areas can have different perimeters and vice versa |  |  |  |  |  |  |  |
| I can calculate the area of parallelograms and triangles |  |  |  |  |  |  |  |
| I recognise when it is possible to use formulae for the area of shapes |  |  |  |  |  |  |  |
| 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 and build simple 3D shapes, including making nets |  |  |  |  |  |  |  |
| I can find unknown angles in any triangles, quadrilaterals, and 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 dimeter is twice the radius |  |  |  |  |  |  |  |
| Geometry-Position and Direction |  |  |  |  |  |  |  |
| I can draw and translate simple shapes on the co-ordinate plane, and reflect them in the axes |  |  |  |  |  |  |  |
| I can describe positions on the full co-ordinates grid (all 4 quadrants) |  |  |  |  |  |  |  |
| Statistics |  |  |  |  |  |  |  |
| I can interpret and construct pie charts and line graphs and use these to solve problems |  |  |  |  |  |  |  |
| I can calculate and interpret the mean as an average |  |  |  |  |  |  |  |

