Place Value

- I can read, write, order and compare numbers up to at least
- I can 10,000,000 (ten million) and say the value of each digit.
- I can round any number to a required degree of accuracy.
- I can use negative numbers in context when looking at temperature or money, counting in jumps forwards and backwards through 0.
- I can solve number and practical problems that involve ordering and comparing numbers up to 10,000,000 (ten million) rounding to a required degree of accuracy, using negative numbers and calculating intervals across zero.

Fractions

- I can use common factors and multiples to simplify fractions and express fractions in the same denomination.
- I can compare and order fractions including those bigger than 2.
- I can add and subtract fractions with different denominators and mixed numbers.
- I can multiply simple pairs of proper fractions, writing the answer in the simplest form such as 1/4 x 1/2 = 1/8.
- I can divide proper fractions by whole numbers such as 1/3 ÷ 2 = 1/6.
- I can link a fraction with division and work out decimal fractions such as 0.378 is 3/8 as a simple fraction.
- I can explain the place value of any digit in a number with up to 3 decimal places and multiply or divide these by 10, 100 or 1000.
- I can multiply numbers less than 10 with up to 2 decimal places by whole numbers.
- I can use written division methods for numbers with up to 2 decimal places.
- I can solve problems which require answers to be rounded to specified degrees of accuracy.
- I can use equivalences between simple fractions, decimals and percentages to help me solve problems.

Multiplication and Division

- I can multiply numbers of up to 4 digits by a two-digit number using a formal written method.
- I can divide numbers of up to 4 digits by a two-digit number using a formal written method of long division, showing remainders, fractions or rounding as appropriate.
- I can divide numbers of up to 4 digits by a two-digit number using a formal written method of short division, showing remainders, fractions or rounding as appropriate.
- I can mentally calculate using a mix of the four operations and increasingly large numbers.
- I can identify common factors, multiples and prime numbers.
- I can use the order of importance of the four operations when answering questions.

- I can solve addition and subtraction multi-step problems, deciding which operations and methods to use and explaining why they were suitable.
- I can solve problems involving addition, subtraction, multiplication and division.
- I can use estimating to check answers and problem solving.

Addition and Subtraction

- I can mentally calculate using a mix of the four operations.
- I can solve problems with more than one step and operation and explain why I used them.
- I can solve addition and subtraction word and practical problems.
- I can use estimation to check answers to calculations and determine an appropriate degree of accuracy.