My Maths Targets

I can use estimation to check answers to calculations.

I can solve problems involving addition, subtraction, multiplication and division.

I can solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

I can enumerate possibilities of combinations of two variables.

I can find pairs of numbers that satisfy an equation with two unknowns.

I can express missing number problems algebraically.

I can use the knowledge of the order of operations to carry out calculations involving the four operations.

I can generate and describe linear number sequences.

I can use simple formulae.

I can identify common factors, common multiples and prime numbers

I can solve number and practical problems that involve all the below.

I can perform mental calculations, including with mixed operations and large numbers.

I can use negative numbers in context and calculate intervals across zero.

I can interpret remainders as whole number remainders, fractions, or by rounding.

I can round any whole number.

I can I a divide numbers up to 4 digits by a 2-digit whole number.

I can read, write, order and compare numbers up to 10 000 000 and determine the value of each digit.

I can multiply multi-digit numbers up to 4 digits by a two-digit whole number.

I can solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.

I can solve problems involving similar shapes where the scale factor is known or can be found.

I can solve problems involving the calculation of percentages.

I can solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts

I can calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres (cm^3) and cubic metres (m^3), and extending to other units [for example, mm^3 and km^3].

I can calculate the area of parallelograms and triangles.

I can recognise when it is possible to use formulae for area and volume of shapes.

I can recognise that shapes with the same areas can have different perimeters and vice versa.

I can convert between miles and kilometers.

I can use, read, write and convert between standard units.

I can solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate.

I can use estimation to check answers to calculations.

I can solve problems involving +, -, x and ÷

I can use written division methods in cases where the answer has up to 2.d.p

I can multiply 1-digit numbers with up to 2 d.p by whole numbers.

I can identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places

I can associate a fraction with division and calculate decimal fraction equivalents.

I can divide proper fractions by whole numbers.

I can multiply simple pairs of proper fractions, writing the answer in its simplest form.

I can + and - fractions with different denominators and mixed numbers, using the concept of equivalent fractions.

I can compare and order fractions, including fractions > 1.

I can use common factors to simplify fractions; use common multiples to express fractions in the same denomination.

I can draw and translate simple shapes on the coordinate plane, and reflect them in the axes.

I can describe positions on the full coordinate grid.

I can 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 can find unknown angles in any triangles, quadrilaterals, and regular polygons.

I can compare and classify geometric shapes based on their properties and sizes.

I can recognise, describe and build simple 3-D shapes, including making nets.

I can draw 2-D shapes using given dimensions and angles

I can calculate and interpret the mean as an average.

I can construct line graphs.

I can interpret line graphs.

I can construct pie charts.

I can interpret pie charts.

Number, Place Value and algebra

+, -, x and ÷

Ratio and Proportion

Measurements

Fractions, Decimals and percentages.

Geometry

Statistics