Maths in Year 6 (2)

Focus: Algebra

- I can use simple formulae.
- I can generate and describe sequences.
- I can use algebra to find missing numbers.
- I can find pairs of numbers to complete a calculation.
- I can use my knowledge of algebra to find different possibilities.

Focus: Measurement – Converting Units

- I can use, read, write and convert between standard units of length, mass. volume and time.
- I can convert from smaller to larger and vice versa using decimal notation where necessary.
- I can convert between miles and kilometres.

Focus: Measurement – Perimeter, Area and Volume

- I can recognise that some shapes with the same areas can have different perimeters and vice versa.
- I can recognise when I can use a formula for area and volume.
- I can calculate the area of triangles and parallelograms.
- I can calculate, estimate and compare volume of cubes and cuboids using standard units.

Focus: Ratio

- I can find the sizes of two missing quantities using my knowledge of multiplication and division.
- I can solve problems involving similar shapes when the scale factor is known or can be found.
- I can solve problems using unequal sharing and grouping using my knowledge of fractions and multiples.

Focus: Geometry – Properties of Shape

- I can draw 2D shapes using given dimensions and angles.
- I can compare and classify geometric shapes based on their properties and sizes and find unknown angles.
- I can recognise angles when they meet at a point, on a straight line or a vertically opposite.
- I can find missing angles.
- I can illustrate and name part of a circle and know the diameter is twice the radius.

Focus: Problem Solving and Efficiency

- I can use my calculation skills to solve a variety of mathematical problems
- I can use and understand a range of mathematical vocabulary.
- I can decide the most efficient way to carry out calculations.
- I can record my working out and final answers in the most effective way.