

Year 6 Maths Objectives Spring 1

Number and operations

We will divide numbers up to 4 digits by a 2 digit whole number and interpret any remainder as appropriate for the context.

We will perform mental calculations including with large numbers and mixed operations.

Measurement

We will calculate, estimate and compare volumes of cubes and cuboids.

We will solve problems involving calculating and converting units of measure.

Fractions, decimals and percentages

We will identify the value of each digit in numbers up to 3 decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to 3 decimal places.

We will use written division methods where the answer has up to two decimal places.

We will solve problems which require answers to be rounded to specified degrees of accuracy.

We will explore equivalences between simple fractions, decimals and percentages in different contexts.

We will multiply 1 digit numbers with up to 2 decimal places by whole numbers.

We will learn to associate a fraction with division and calculate decimal fractions equivalents.

We will find percentages of amounts and solve problems involving calculating percentages including using percentages for comparison.

Geometry

We will describe positions on a four quadrant grid.

We will draw, translate and reflect simple shapes on a four quadrant grid.

We will draw 2-D shapes using given dimensions and angles.

We will recognise and build simple 3-D shapes including making nets.

We will compare and classify shapes based on their properties.

We will learn the names of parts of a circle.

We will recognise angles where they meet at a point, are on a straight line or are vertically opposite and will find missing angles.