



Emmaus Key Performance Indicators Year 6

Place value

- I can round any whole number to a required degree of accuracy
- I can use negative numbers in context and calculate intervals across zero

Calculation

- I can multiply multi-digit numbers up to four digits by a two-digit whole number using the formal written method of long multiplication
- I can divide numbers up to four digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context
- I can solve addition and subtraction multi-step problems in context, deciding which operations and methods to use and why
- I use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy

Fractions

- I can use written division methods in cases where the answer has up to two 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 calculation of percentages
- I can solve problems involving unequal sharing and grouping using knowledge of fractions and multiples

Algebra

- I can use simple formulae

Measurement

- I can use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to three decimal places

Properties of shape

- I can compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals and regular polygons

Position and direction

- I can draw and translate simple shapes on the coordinate plane and reflect them in the axes
- I can interpret pie charts and line graphs and use these to solve problems

Statistics

- I can calculate and interpret the mean as an average