



Emmaus Key Performance Indicators Year 5

Number and place value

- I can read, write, order and compare numbers to at least 1,000,000 and determines the value of each digit
- I can interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero

Addition and subtraction

- I can add and subtract whole numbers with more than four digits, including using formal written methods (column addition and subtraction)
- I can complete number tasks mentally with increasingly large numbers (eg $12,462 - 2,300 = 10,162$)

Multiplication and division

- I can identify multiples and factors including finding all factor pairs of a number and common factors of two numbers
- I can solve problems involving multiplication and division, including using a knowledge of factors and multiples, squares and cubes
- I can solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates

Fractions (including decimals)

- I can compare and order fractions whose denominators are all multiples of the same number
- I can read and write decimal numbers as fractions eg $0.71 = 71/100$
- I can read, write, order and compare numbers with up to three decimal places
- I can solve problems which require knowing percentage and decimal equivalents of $1/2$, $1/4$, $1/5$, $2/5$, $4/5$ and those fractions with a denominator of a multiple of 10 or 25

Measurement

- I can convert between different units of metric measure (eg kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)
- I can measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres
- I can calculate and compare the area of rectangles (including squares), and including using standard units, square centimetres (cm^2) and square metres (m^2)

Geometry: Properties of shape

- I can draw given angles and measure them in degrees ($^\circ$)
- I can distinguish between regular and irregular polygons based on reasoning about equal sides and angles

Statistics

- I can complete, read and interpret information in tables, including timetables