Year 5

Maths on the Move objectives

Mental Maths and Place Value

1	To round numbers to 10, 100, 1000, 10,000, and 100,000
2	To add four digit numbers
3	To subtract 4 digit numbers
4	To add and subtract mentally
5	To multiply 4 digit numbers by 1 or 2 digit numbers
6	To divide 4 digit numbers by 1 digit numbers
7	To multiply and divide by 10, 100 and 1000, including decimals
8	To understand prime numbers, prime factors and composites
9	To understand square and cube numbers
10	To solve multi-step problems using: addition, subtraction, multiplication and division
11	To understand negative numbers
12	To understand Roman Numerals up to 1000

Fractions and Decimals

1	To solve problems involving numbers with 3 decimal places.
2	To round decimals to the nearest whole number and to one decimal place.
3	To recognise and use 1000ths
4	To read and write decimals as fractions.
5	To compare and order fractions..
6	To identify equivalent Fractions.
7	To add fractions.
8	To subtract fractions.
9	To convert improper fractions and mixed numbers.
10	To multiply proper and mixed fractions by whole numbers.
11	To work out percentages as fractions and decimals.
12	To solve problems using percentage and decimal equivalents.

Measurement and Shape

1	To solve problems involving converting units of time.
2	To convert different metric measures.
3	To convert between metric and imperial units.
4	To calculate the perimeter of rectilinear shapes.
5	To calculate area using cm2 and m2
6	To calculate and estimate the volume of a 3D shape.
7	To understand and name different angles.
8	To draw and measure angles.
9	To identify 2D shapes.
10	To identify 3D shapes.
11	To use the properties of rectangles to find missing lengths and angles.
12	To understand regular and irregular polygons.