



National Curriculum Objectives:

Weeks 1- 3 Number: Multiplication and Division

Recognise and use factor pairs.

Multiply and divide by 10 and 100

Use related facts place value, known facts and derived facts to multiply and divide mentally.

Use informal written methods to multiply

Multiply two digit and three digit numbers by a one digit number using formal written layout.

Divide a two and three digit number by a one digit number

Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.

Use the most efficient method to multiply.

Week 4 -5 Measurement - Length and perimeter

Measure in kilometres and meters and find equivalent lengths.

Can find perimeter on a grid.

Can find perimeter of a rectangle and rectilinear shapes

Can find perimeter of regular and irregular polygons.

Week 6 - 9 Fractions

Understand the whole and how it can be split into different amounts of equal parts.

Can count beyond one and partition a mixed number.

Can use a number line with mixed numbers and compare and order mixed numbers.

Understand improper fractions and can convert between mixed numbers and improper fractions.

Can place equivalent fractions on a number line, use a fraction wall to find fraction families.

Add two fractions and add fractions and whole numbers.

Subtract two fractions including subtract fractions from whole numbers and mixed amounts.

Week 10 - 12 Decimals

Can place tenths and hundredths on a place value chart.

Recognise and write decimal equivalents of any number of tenths and hundredths.

Find the effect of dividing a one or two digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths.

Solve simple measure and money problems involving fractions and decimals to two decimal places.

Convert between different units of measure (For example, kilometre to metre.)

Some of the Vocabulary used:

Partitioning, bar modelling, multiplication, commutative, calculate, arrays, factor pairs, systematically, associative law, repeated addition, exchange, dividing, Sharing into equal groups, remainders.

Measurements, kilometre, metre, equivalent, perimeter, rectilinear, polygon, regular polygon, irregular polygon.

Fractions, denominator, numerator, equivalent fractions, whole and part, improper and mixed numbers, proper fractions.

Tenths and hundredths, equivalent, decimal and fractions,

Examples of Tasks/activities informed by National Curriculum:

1. Rapid recall of times table facts.
2. Use $<$ and $>$ to compare numbers.
3. Use practical activities to find equivalent fractions.
4. Use practical equipment and pictorial representations to add and subtract fractions.
5. Using bar models to solve word and real life problems.
6. Convert between different units of measure.
7. Use bar modelling to solve word problems
8. Mixed pairs and group work activities.
9. Independent or supported work in books to practise new skills.

Examples of Selected Resources Used:

White Rose Maths

IR teaching tools

Smart notebook

Snappy maths

Whiteboards and pens

BBC Super movers