



Dry Drayton CE Primary School
Curriculum Overview Mathematics

Year 5

Number/ Calculation

- Read, write, order, compare numbers to 1, 000,000 and count in steps of powers of 10
- Round numbers up to 1,000,000 to the nearest 10,100,1000, 10,000 and 100,000
- Use negative whole numbers
- Use Roman numerals up to M
- Confidently add and subtract mentally
- Use column addition and subtraction with four digit numbers
- Use short multiplication and division methods
- Solve multi-step problems using all four operations
- Identify multiples, factors and prime numbers
- Recognise and use square and cube numbers

Fractions

- Compare and order fractions
- Identify and write equivalent fractions inc tenths and hundredths
- Recognise and convert improper fractions and mixed numbers
- Add and subtract fractions with common denominators, with mixed numbers
- Multiply fractions by whole numbers
- Write decimals as fractions
- Order and round decimal numbers
- Link percentages to decimals and fractions
- Solve problems

Measurement

- Convert between different units
- Calculate perimeter of composite shapes and area of rectangles
- Estimate volume and capacity
- Solve time problems
- Use all four operations to solve problems involving measure

Geometry

- Identify 3D shapes from 2D representations
- Estimate and measure and draw angles
- Use known properties to deduce related facts: rectangles
- Distinguish between regular and irregular polygons
- Use reflection and translation in the first quadrant