



Westbourne Primary School: Maths

Year 6 - Autumn

- Daily chanting and counting
- 'Big Maths' on a Friday



Number: Place Value

- Numbers to ten million
- Compare and order any number
- Round any numbers
- Negative numbers

Number: Place Value and Operations

- Add and subtract whole numbers
- Multiply up to a 4-digit by 1-digit number
- Short division
- Division using factors
- Long division
- Common factors
- Common multiples
- Primes
- Squares and cubes
- Order of operations
- Mental calculations and estimation
- Reasoning from known facts



- Simplify fractions
- Fractions on a number line
- Compare and order fractions by the denominator
- Compare and order fractions by the numerator

Fractions

- Add and subtract fractions
- Mixed addition and subtraction problems
- Multiply fractions by whole number
- Multiply fractions by fraction
- Divide a fraction by a whole number
- Four rules with fractions
- Fraction of an amount
- Fraction of an amount - finding the whole

Geometry: Position and Direction

- Coordinates in the first quadrant
- Plotting coordinates
- Translations
- Reflections
- Reasoning about shapes with coordinates

