



### Number/Calculation

- Secure understanding of place value and rounding in numbers up to 1,000,000
- Use negative numbers in context
- Read Roman numerals up to 1,000 (M)
- Use formal written methods for multiplication, division, addition and subtraction
- Confidently add and subtract mentally
- Identify factors, multiples and primes
- Use square and cube numbers
- Multiply and divide by powers of ten



## Nayland School

### Mathematics

#### End of Year 5 Expectations

In order to meet the expected standard, children in Year 5 must be able to demonstrate consistent and independent use of most of these skills.

#### Fractions & decimals

- Compare and order fractions
- Add and subtract fractions with the same denominators
- Multiply a fraction by a whole number
- Understand numbers with three decimal places
- Solve problems using basic percentages and the decimal equivalents

#### Statistics

- Solve problems using line graphs
- Interpret timetables

#### Geometry & Measures

- Identify 3D shapes from 2D representations
- Draw, measure and compare angles
- Identify acute, obtuse and reflex angles
- Distinguish between regular and irregular polygons
- Translate and reflect shapes
- Estimate volume and capacity
- Use a range of measures and conversions, using decimal notation
- Calculate area and perimeter of regular and irregular shapes

