



## Number/Calculation

- Count in multiples of 6, 7, 9 and 1000
- Recall and use multiplication and division facts for all tables up to 12 x 12
- Recognise the value of each digit in a four-digit number
- Find a 1000 more or less of a given number
- Order and compare numbers beyond 1000
- Count backwards through zero to include negative numbers
- Round numbers to nearest 10, 100 or 1000
- Use Roman numerals to 100 (C)
- Use column addition & subtraction up to 4 digits when appropriate
- Multiply & divide mentally using known and derived facts
- Use standard short multiplication
- Estimate and check answers using the inverse
- Solve number and practical problems involving the four operations



## Nayland School

### Mathematics

#### End of Year 4 Expectations

In order to meet the expected standard, children in Year 4 must be able to demonstrate consistent and independent use of most of these skills.

#### Fractions & decimals

- Recognise tenths & hundredths and their decimal equivalents
- Understand what hundredths mean
- Compare decimal numbers
- Recognise and write decimal equivalents to  $\frac{1}{4}$ ,  $\frac{1}{2}$ , and  $\frac{3}{4}$
- Identify equivalent fractions
- Add and subtract fractions with common denominators
- Recognise common equivalent fractions
- Round decimals to whole numbers
- Solve problems involving all of the above

#### Statistics

- Interpret and present bar charts, line graph & pictograms
- Solve one-step and two-step questions using information presented in bar charts, pictograms, tables and other graphs

#### Geometry & Measures

- Convert between different units of measurement
- Compare 2-D shapes, including quadrilaterals & triangles
- Find area by counting squares
- Calculate rectangle perimeters in centimetres and metres
- Estimate & calculate measures
- Identify acute, obtuse & right angles
- Identify lines of symmetry in 2-D shapes
- Use first quadrant coordinates to plot a polygon
- Introduce simple translations
- Read, write and convert time between analogue and digital 12- and 24-hour clock
- Solve problems involving converting from hours to minutes, minutes to seconds, years to months and weeks to days

