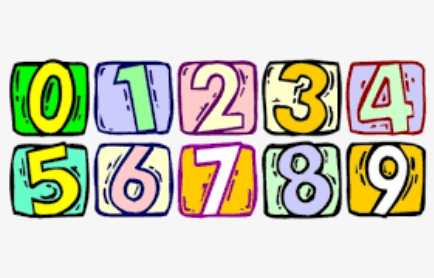

Nayland School

Mathematics

End of Year 3 Expectations

In order to meet the expected standard, children in Year 3 must be able to demonstrate consistent and independent use of most of these skills.

Number/Calculation

- Recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables
- Count on from zero in multiples of 4, 8, 50 and 100
- Recognise the place value of each digit in a three digit number
- Find 10 or 100 more or less than a given number
- Compare and order numbers to 1000
- Mentally add and subtract units, tens or hundreds to numbers of up to 3 digits
- Written column addition and subtraction
- Solve number problems, including addition, subtraction, multiplication and division scaling problems.
- Estimate and check answers using inverse operations.

Fractions & decimals

- Understand what tenths mean
- Use and count in tenths
- Recognise, find and write fractions (unit and non -unit)
- Find fractions of a number or quantity
- Recognise and show some equivalent fractions
- Add/subtract fractions with the same denominator within one whole
- Order fractions with common denominator
- Solve problems using all of the above

Statistics

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

Geometry & Measures

- Measure and calculate with metric measures (lengths, mass, volume/capacity)
- Measure perimeter of simple 2-D shapes
- Add/subtract using money (including giving change)
- Tell and write the time from an analogue and digital clock (12 and 24-hour clocks) including using Roman numerals
- Record and compare time in terms of seconds, minutes and hours
- Know the number of seconds in a minute and the number of days in each month, year and leap year
- Calculate durations of time
- Draw 2-D / Make and describe 3-D shapes
- Recognise 3-D shapes in different orientations
- Recognise angles as a property of shape or a description of a turn
- Identify horizontal, vertical, perpendicular and parallel lines
- Describe positions on a 2-D grid as coordinates in the first quadrant