

Year 3 Mathematics (Number) Meeting Expectations

- Compare and order numbers to 1000 and read and write numbers to 1000 in numerals and words
- Count from 0 in multiples of 4, 8, 50 and 100
- Recognise the value of each digit in a 3-digit number
- Understand and count in tenths, and find the fractional value of a given set
- Add and subtract fractions with a common denominator
- Derive and recall multiplication facts for 3, 4 and 8x multiplication tables
- Add and subtract mentally combinations of 1-digit and 2-digit numbers
- Add and subtract numbers with up to 3-digits using formal written methods
- Write and calculate mathematical statements for multiplication and division; including 2-digit number with a 1-digit number (from multiplication tables they know i.e. 2, 3, 4, 5, 8 and 10)
- Solve number problems using one and two step operations

Year 3 Mathematics (Measurement, Geometry and Statistics) Meeting Expectations

- Identify right angles; compare other angles to being greater or smaller than a right angle
- Identify horizontal and vertical lines and pairs of perpendicular and parallel lines
- Tell time to nearest minute and use specific vocabulary: seconds, am and pm
- Measure, compare, add and subtract using common metric measures
- Solve one-step and two step problems using information presented in scaled bar charts, pictograms and tables

Year 3 Mathematics Securing Expectations

- Recognise the value of each digit in a 4-digit number and the value of a tenth
- Know all multiplication facts up to 10×10 and be able to instantaneously answer questions such as, how many 7s in 42?
- Add and subtract numbers with any number of digits using formal written methods
- Begin to have an understanding about negative numbers recognising they are smaller than zero
- Multiply and divide any 2-digit number by a single digit number and have an understanding of 'remainder'
- Can find fractional values (from $\frac{1}{2}$ to $\frac{1}{10}$) of amounts up to 1000
- Use knowledge of number to solve problems related to money, time and measures
- Know that the total internal angles of a triangle measure 180° and can measure each
- Can relate knowledge of time to problems related to timetables
- Measure, compare, add and subtract more complex problems using common metric measures set out in Kg,gms; Kl,litres; Km and metres, etc.