# Autumn Term Maths Curriculum

## Place Value
Numbers to 1,000,000
Numbers to 10,000,000
Read and write numbers to 10,000,000
Powers of 10
Number line to 10,000,000
Compare and order any integers
Round any integer
Negative numbers

## Addition, Subtraction, Multiplication and Division
Add and subtract integers
Common factors
Common multiples
Rules of divisibility
Primes to 100
Square and cube numbers
Multiply up to a 4-digit number by a 2-digit number
Solve problems with multiplication
Short division
Division using factors
Introduction to long division
Long division with remainders
Solve problems with division
Solve multi-step problems
Order of operations
Mental calculations and estimation
Reason from known facts

## Fractions A
Equivalent fractions and simplifying
Equivalent fractions on a number line
Compare and order (denominator)
Compare and order (numerator)
Add and subtract simple fractions
Add and subtract any two fractions
Add mixed numbers
Subtract mixed numbers
Multi-step problems

## Fractions B
Multiply fractions by integers
Multiply fractions by fractions
Divide a fraction by an integer
Divide any fraction by an integer
Mixed questions with fractions
Fraction of an amount
Fraction of an amount – find the whole

<u>Converting Units</u>
Metric measures
Convert metric measures
Calculate with metric measures
Miles and kilometres
Imperial measures