**Autumn Term**

Year 6 – Place Value

Step 1 Numbers to 1,000,000

Step 2 Numbers to 10,000,000

Step 3 Read and write numbers to 10,000,000

Step 4 Powers of 10

Step 5 Number line to 10,000,000

Step 6 Compare and order any integers

Step 7 Round any integer

Step 8 Negative numbers

Year 6 – Addition, subtraction, multiplication and division

Step 1 Add and subtract integers

Step 2 Common factors

Step 3 Common multiples

Step 4 Rules of divisibility

Step 5 Primes to 100

Step 6 Square and cube numbers

Step 7 Multiply up to a 4-digit number by a 2-digit number

Step 8 Solve problems with multiplication

Step 9 Short division

Step 10 Division using factors

Step 11 Introduction to long division

Step 12 Long division with remainders

Step 13 Solve problems with division

Step 14 Solve multi-step problems

Step 15 Order of operations

Step 16 Mental calculations and estimation

Step 17 Reason from known facts

Year 6 – Fractions A

Step 1 Equivalent fractions and simplifying

Step 2 Equivalent fractions on a number line

Step 3 Compare and order (denominator)

Step 4 Compare and order (numerator)

Step 5 Add and subtract simple fractions

Step 6 Add and subtract any two fractions

Step 7 Add mixed numbers

Step 8 Subtract mixed numbers

Step 9 Multi-step problems

Year 6 – Fractions B

Step 1 Multiply fractions by integers

Step 2 Multiply fractions by fractions

Step 3 Divide a fraction by an integer

Step 4 Divide any fraction by an integer

Step 5 Mixed questions with fractions

Step 6 Fraction of an amount

Step 7 Fraction of an amount – find the whole

Year 6 – Converting units

Step 1 Metric measures

Step 2 Convert metric measures

Step 3 Calculate with metric measures

Step 4 Miles and kilometres

Step 5 Imperial measures