

Year 6 Autumn Term

Unit 1 – Number - 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

Unit 2 – Number – 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 cubed 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 estimations
- Step 17 – Reason from known facts

Unit 3 – Number – 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

Unit 4 – Number – 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 – Fractions of an amount
- Step 7 – Fractions of an amount – Find the whole

Unit 5 – Measurement – 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