



What we teach in Maths – Year 3, Year 4, Year 5 and Year 6

Year 3	<ul style="list-style-type: none"> • Compare & order numbers up to 1000. • Read & write all numbers to 1000 in digits and words. • Find 10 or 100 more/less than a given number. • Count from 0 in multiples of 4, 8, 50 and 100. • Recall & use multiplication & division facts for 3, 4, 8 tables. • Recognise place value of any 3-digit number. • Add and subtract: <ul style="list-style-type: none"> ○ 3-digit nos and ones ○ 3-digit nos and tens ○ 3-digit nos and hundreds • Add and subtract: <ul style="list-style-type: none"> ○ Numbers with up to 3-digits using written columnar method. • Estimate and use inverse to check. • Multiply: <ul style="list-style-type: none"> ○ 2-digit by 1-digit • Count up/down in tenths • Compare and order fractions with same denominator. • Add and subtract fractions with same denominator with whole. • Tell time using 12 and 24 hour clocks; and using Roman numerals. • Tell time to nearest minute. <p>Know number of days in each month and number of seconds in a minute.</p>
Year 4	<ul style="list-style-type: none"> • Count backwards through zero to include negative numbers. • Compare and order numbers beyond 1,000. • Compare and order numbers with up to 2 decimal places. • Read Roman numerals to 100. • Find 1,000 more/less than a given number. • Count in multiples of 6, 7, 9, 25 and 1000. • Recall and use multiplication and division facts all tables to 12x12. • Recognise PV of any 4-digit number. • Round any number to the nearest 10, 100 or 1,000. • Round decimals with 1dp to nearest whole number. • Add and subtract numbers with up to 4-digits using written columnar method. • Multiply: <ul style="list-style-type: none"> ○ 2-digit by 1-digit ○ 3-digit by 1-digit • Count up/down in hundredths. • Recognise and write equivalent fractions • Add and subtract fractions with same denominator. • Read, write and convert time between analogue and digital 12 and 24 hour clocks.

Year 5

- Count forwards and backward with positive and negative numbers through zero.
- Count forwards/backwards in steps of powers of 10 for any given number up to 1,000,000.
- Compare and order numbers up to 1,000,000.
- Compare and order numbers with 3 decimal places.
- Read Roman numerals to 1,000.
- Identify all multiples and factors, including finding all factor pairs.
- Use known tables to derive other number facts.
- Recall prime numbers up to 19.
- Recognise and use square numbers and cube numbers.
- Recognise place value of any number up to 1,000,000.
- Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 or 100,000.
- Round decimals with 2 decimal places to nearest whole number and 1 decimal place.
- Add and subtract numbers with more than 4-digits using formal written method.
- Use rounding to check answers.
- Multiply 4-digits by 1-digit/ 2-digit
- Divide up to 4-digits by 1-digit
- Multiply & divide whole numbers & decimals by 10, 100 and 1,000
- Recognise and use thousandths.
- Recognise mixed numbers and improper fractions and convert from one to another.
- Multiply proper fractions and mixed numbers by whole numbers.
- Identify and write equivalent fractions.
- Solve time problems using timetables and converting between different units of time.

Year 6

- Use negative numbers in context and calculate intervals across zero.
- Compare and order numbers up to 10,000,000.
- Identify common factors, common multiples and prime numbers.
- Round any whole number to a required degree of accuracy.
- Identify the value of each digit to 3 decimal places.
- Use knowledge of order of operations to carry out calculations involving four operations.
- Multiply 4-digit by 2-digit
- Divide 4-digit by 2-digit
- Add and subtract fractions with different denominators and mixed numbers.
- Multiply simple pairs of proper fractions, writing the answer in the simplest form.
- Divide proper fractions by whole numbers.
- Calculate percentage of whole number.