

Bishop Stopford's School

Curriculum Map Year 9

| | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|---|----------------------------------|---------------------------------|-----------------------------------|---------------------------------|----------------------------------|----------------------------------|
| | 1 Number | 3 Interpreting and representing | 4 Fractions, Ratio and | 6 Graphs | 7 Area and Volume | 9 Equations and Inequalities |
| | 2 Algebra | data | Percentages | | 8 Transformations and | 10 Probability |
| ž | - | | 5 Angles and Trigonometry | | Constructions | - |
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| | Have a firm grasp of place value | Identify trends by noticing | Know the four operations of | Find speed from given distance | Know the names and properties | Understand the \geq and \leq |
| | Order integers and decimals | whether sequences of numbers | number. | and time. | of 3D shapes. | symbols. |
| | and use the four operations. | increase, decrease or oscillate | Find common factors. | Find the area of triangles and | Know the concept of perimeter | Substitute into, solve and |
| | Know integer complements to | Recognise when a line has a | Have a basic understanding of | rectangles. | and area by measuring lengths | rearrange linear equations. |
| | 10 and to 100, multiplication | positive, negative or zero | fractions as being 'parts of a | Write the equation of a line | of sides. | Factorise simple quadratic |
| | facts to 10 × 10, | gradient. | whole'. | from a sketch graph. | Substitute numbers into an | expressions. |
| | Have encountered squares, | Understand and be able to | Define percentage as 'number | Identify quadratic expressions. | equation and give answers to | Recognise the equation of a |
| | square roots, cubes and cube | define the meaning of | of parts per hundred'. | Know the shape of linear and | an appropriate degree of | circle. |
| | roots | correlation. | Be aware that percentages are | quadratic graphs. | accuracy. | Know that a square has two |
| | knowledge of classifying | Read values from graphs. | used in everyday life. | | know the various metric units. | possible roots |
| | Multink, numbers in a similar | Find the range of a list of | ose ratio notation, and to write | | 2D colide | rind the factors of a given |
| | format to quartians later in the | Find the midneint of two | Identify unit fractions, improper | | Skotch a not of a 2D chang | Factorica expressions |
| ki i | raction | number | fractions and mixed numbers | | Work out the volume of a 2D | Solve simple equations |
| 5 | List possible outcomes from | Use subtraction to find missing | Multiply a whole number by a | | solid made of cuboids | containing a squared term. |
| S | two events. | values. | fraction. | | Recall Pythagoras' theorem. | Understand the term quadratic |
| | Estimate the value of a square | Draw a bar chart. | Express a given number as a | | Recognising units of length | Find positive and negative |
| | root. | | fraction of another | | (perimeter) and area. | square roots. |
| | Round numbers to a specified | | Find equivalent fractions and | | Work out the area and | Solve guadratic equations by |
| | degree of accuracy. | | compare the size of fractions | | perimeter of rectangles, | factorising. |
| | Apply the four operations. | | "Write a fraction in its simplest | | triangles and parallelograms. | Expand two pairs of brackets. |
| | Multiply prime factors together. | | form, including using it to | | Recall the formulae for the area | Simplify surds. |
| | List the factors of a number. | | simplify a calculation, | | of quadrilaterals and triangles. | Expand and simplify a square |
| | Work out simple powers. | | e.g. 50 ÷ 20 = = = 2. | | Identify the possible integer | bracket. |
| | Apply the four operations. | | Find a fraction of a quantity or | | values of x from an inequality. | Simplify surds. |
| | Convert between fractions and | | measurement, including within | | Round numbers to a specified | Solve simple equations, giving |
| | decimals. | | a context" | | degree of accuracy. | the answer in surd form. |
| | Use the laws of indices for | | Know the priority of operations | | Work out percentages of | Substitute into simple algebraic |
| | 1.1 Number problems and | 3.1 Statistical diagrams | 4.1 Fractions | 6.1 Linear graphs and | 7.1 Perimeter and area | |
| | reasoning | 3.2 Time series | 4.2 Ratios | Coordinate geometry | 7.2 Units and accuracy | 9.2 Solving quadratic equations |
| | 1.2 Place value and estimating | 3.5 Scatter graphs | 4.5 Ratio and proportion | 6.2 Granhing rates of shappa | 7.5 Prisilis | 9.5 Completing the square |
| | 1.4 Calculating with nowers | 3.5 Averages and range | 4.5 Fractions decimals and | 6.4 Real-life grants | 7.5 Sectors of circles | equations |
| | (indices) | 5.5 Averages and range | nercentages | 6.5 Line segments | 7.6 Cylinders and soberes | 9.5 More simultaneous |
| | 1.5 Zero, negative and | | 5.1 Angle properties of triangles | 6.6 Quadratic graphs | 7.7 Pyramids and cones | equations |
| | fractional indices | | and guadrilaterals | 6.7 Cubic and reciprocal graphs | 8.1 3D solids | 9.6 Solving linear and quadratic |
| | 1.6 Powers of 10 and standard | | 5.2 Interior angles of a polygon | 6.8 More graphs | 8.2 Reflection and rotation | simultaneous equations |
| 9 | form | | 5.3 Exterior angles of a polygon | | 8.3 Enlargement | 9.7 Solving linear inequalities |
| lede | 1.7 Surds | | 5.4 Pythagoras' theorem | | 8.4 Transformations and | 10.1 Combined events |
| Ň | 2.1 Algebraic indices | | 5.6 Basic Trigonometry | | combinations of | 10.2 Mutually exclusive events |
| ž | 2.2 Expanding and factorising | | | | transformations | 10.3 Experimental probability |
| ē | 2.3 Equations | | | | 8.5 Bearings and scale drawings | 10.4 Independent events and |
| - | 2.4 Formulae | | | | 8.6 Constructions 1 | tree diagrams |
| | 2.5 Linear sequences | | | | 8.7 Constructions 2 | 10.5 Conditional probability |
| | 2.6 Non-linear sequences | | | | 8.8 Loci | 10.6 Venn diagrams and set |
| | 2.7 More expanding and | | | | | notation |
| | lactorising | | | | | |
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| × | 2 mini Assessments on core | 2 mini Assessments on core | 2 mini Assessments on core | 2 mini Assessments on core | 2 mini Assessments on core | 2 mini Assessments on core |
| lbac | knowledge and 1 end of half | knowledge and 1 end of half | knowledge and 1 end of half | knowledge and 1 end of half | knowledge and 1 end of half | knowledge and 1 end of half |
| eec | term Assessment | term Assessment | term Assessment | term Assessment | term Assessment | term Assessment |
| ~ | A feedback sneet will be afixed | A feedback sneet will be afixed | A feedback sheet will be afixed | A feedback sneet will be afixed | A feedback sneet will be afixed | A feedback sneet will be afixed |
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