|  |  | Year 7 | Year 8 | Year 9 |
|---|---|---|---|---|
| Term1 | HT1 | Numbers and Numerals (4)<br><br>Axioms and Arrays (8)<br><br>Factors and Multiples (8)<br><br>Orders of Operations (4)<br><br>24 lessons | Sequences (8)<br><br><br><br>Forming and Solving Equations (8)<br><br>Forming & Solving Inequalities (8)<br><br>24 lessons | FDP Review (4)<br><br>Probability (12)<br><br>Sets and Venn Diagrams (8)<br><br><br><br>24 lessons |
|  | HT2 | Positive and Negative Numbers (12)<br><br>Expressions, Equations and Inequalities (12)<br><br>Angles (8)<br><br><br>32 Lessons | Linear Graphs (12)<br><br>Accuracy and Estimation (8)<br><br>Algebra and Problem Solving (4)<br><br>24 lessons | Solving Linear Simultaneous Equations Algebraically (16)<br><br><br>Solving Linear Simultaneous Equations Graphically (8)<br><br><br>24 lessons |
| Term 2 | HT3 | <br><br>Classifying 2D shapes (8)<br><br>Constructing triangles and quadrilaterals (8)<br><br>Co-ordinates (8)<br><br><br>24 lessons | Ratio (4)<br><br>Ratio, real life graphs, and rates of change (8)<br><br>Direct and indirect Proportion (12)<br><br>24 lessons | Angles Review (4)<br><br>Construction, Congruence, and Loci (8)<br><br>Pythagoras Theorem (8)<br><br><br>20 lessons |
|  | HT4 | <br><br>Area of 2D shapes (8)<br><br>Transforming 2D figures (8)<br><br>Conceptualising and Comparing fractions (8)<br><br><br>24 lessons | Univariate Data (12)<br><br>Bivariate Data (8)<br><br>Famous Maths Problem (4)<br><br>24 lessons | Famous maths Problems (4)<br><br>Ratio Review (4)<br><br>Similarity and Enlargement (8)<br><br>Surds and Trigonometry (12)<br><br><br>28 lessons |

| Term 3 | HT5 | Manipulating and calculating with fractions (12)<br><br>Different Number Systems (4)<br><br>Prime Factor Decomposition (8)<br><br><br>24 lessons | Angles and Parallel Lines (4)<br><br>Angles in Polygons (12)<br><br><br><br><br>20 lessons | Quadratic Expressions (12)<br><br>Quadratic Equations (12)<br><br><br><br><br>24 lessons |
|---|---|---|---|---|
|  | HT6 | Conceptualising and Comparing Fractions (8)<br><br>Manipulating and Calculating with Fractions (12)<br><br>Ratio (8)<br><br>Percentages (8)<br><br><br><br>36 lessons | Bearings (8)<br><br>Volume and Surface Area of Prisms (12)<br><br>Area Review (4)<br><br>Circles (8)<br><br><br><br>32 lessons | Indices and Standard Form (12)<br><br><br>Growth and Decay (8)<br><br><br>Finance (4)<br><br><br><br>24 lessons |

| Year 10 | Year 11 |
|---|---|
| HT1<br><br>Directed Numbers (4)<br><br>Rules of Indices(4)<br><br>Standard Form (4)<br><br>Standard Form 2 (4)<br><br>Algebra (16)<br><br>(32 lessons) | HT1<br><br>Revise – Angles, Polygons and Bearings (12)<br><br>Circle Theorems 1 (4)<br><br>Circle Theorems 2 (4)<br><br>Simplifying Surds (4)<br><br>Adding Surds (4)<br><br>(28 lessons) |
| HT2<br><br>Solving Equations (4)<br><br>Adding and Subtracting Fractions (4)<br><br>Algebraic Fractions (4)<br><br>Factorise and Solve Quadratics (4)<br><br>Substitution and Rearranging Formulae (4)<br><br>Rotations and Enlargement (4)<br><br>Similarity (4)<br><br>(28 lessons) | HT2<br><br>Functions (4)<br><br>Quadratic Sequences (4)<br><br>Revise – Simultaneous Equations (4)<br><br>Charts and Tables (4)<br><br>Revise - Data (8)<br><br>Probability 3 (4)<br><br>(28 lessons) |
| HT3<br><br>Pythagoras 1 (4)<br><br>Pythagoras 2 (4)<br><br>Factors, Multiples and Primes (4)<br><br>Venn Diagrams (4)<br><br>HCF and LCM (4)<br><br>Rounding and Estimating (4)<br><br>Simple Graphs (4)      (28 lessons) | HT3<br><br>Higher Probability (4)<br><br>Histograms (4)<br><br>Cubic and Reciprocal Graphs (4)<br><br>Travel Graphs (4)<br><br>Graphs of Inequalities (4)<br><br>Compound Measures (4)<br><br>(24 Lessons) |

| Year 10 | Year 11 |
|---|---|
| HT4<br><br>Straight Line Graphs (4)<br><br>Straight Line Graphs 2 (4)<br><br>Simultaneous Equations (4)<br><br>Scatter Diagrams and Frequency Trees (4)<br><br>Averages (4)<br><br>Higher Data 1 (4)<br><br>Probability 2 (4)<br><br>(28 Lessons) | HT4<br><br>Volume & Surface Area 1 & 2 (8)<br><br>Translations and Vectors 1 (4)<br><br>Vectors 2 (4)<br><br>Constructions (4)<br><br>Loci (4)<br><br>(24 Lessons) |
| HT5<br><br>Quadratic Graphs 1 (4)<br><br>Quadratic Graphs 2 (4)<br><br>Ratio 1 & 2 (8)<br><br>Percentage Increase and Decrease (4)<br><br>Repeated Percentage Change (4)<br><br>Parts of a Circle 1 (4)<br><br>(28 Lessons) | HT5<br><br>Revision and Exams |
| HT6<br><br>Parts of a Circle 2 (4)<br><br>Fractions 1 & 2 (12)<br><br>Cylinders (4)<br><br>Area and Perimeter (4)<br><br>Trigonometry 1 (4)<br><br>Trigonometry 2 (4)<br><br>Trigonometry 3 (4)          (36 lessons) | HT6<br><br>Revision and Exams |