**KS4 Scheme of Work - Higher**

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| Unit  | Topic | Time |
| 1 | Number | 3-4  |
| 2 | Algebraic Manipulation |  4-5 |
| 3 | Fractions |  5-6 |
| 4 | Indices and Standard Form |  4-5 |
| 5 | Angles and Polygons |  4-5 |
| 6 | Decimals and Estimation |  5-6 |
| 7 | Sequences |  2-4 |
| 8 | Collecting Data and Sampling |  3-5 |
| 9 | Compound Measures |  4-5 |
| 10 | Area and Volume 1 |  6-8 |
| 11 | Averages and Range |  4-5 |
| 12 | Constructions and Loci |  3-4 |
| 13 | Linear Equations |  3-4 |
| 14 | Percentages |  4-5 |
| 15 | Representing and Interpreting Data 1 |  5 |
| 16 | Linear Graphs |  4-6 |
| 17 | Ratio |  4-6 |
| 18 | Representing and Interpreting Data 2 |  5-6 |
| 19 | Transformations |  5 |
| 20 | Formulae |  3 |
| 21 | Similarity and Congruence |  3-5 |
| 22 | Inequalities |  3-4 |
| 23 | Pythagoras and Trigonometry on 2D |  5-6 |
| 24 | Solving Quadratics | 5  |
| 25 | Further Graphs | 3  |
| 26 | Area and Volume 2 | 2-3 |
| 27 | Simultaneous Equations | 3-5 |
| 28 | Proportion |  2-3 |
| 29 | Probability and Venn Diagrams |  4-6 |
| 30 | Further Pythagoras and Trigonometry |  5-7 |
| 31 | Circle Theorems |  2-4 |
| 32 | Surds | 3-4 |
| 33 | Algebraic Fractions | 3 |
| 34 | Vectors | 3 |
| 35 | Transformation of Functions | 2-4 |
| 36 | Gradients and Areas under Curves |  3-4 |
|  | Estimated No. of Hours | 131-171 |