**KS4 Scheme of Work Overview**

**Algebra**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | 8 | 12 | 18 | 19 |
| Topic No | Topic | F2 | F1 | H2 | H1 |
| 1 | Co-ordinates |  |  |  |  |
| 2 | Basic Algebra |  |  |  |  |
| 3 | Expanding Brackets |  |  |  |  |
| 4 | Factorising |  |  |  |  |
| 5 | Linear equations |  |  |  |  |
| 6 | Inequalities |  |  |  |  |
| 7 | Number Sequences |  |  |  |  |
| 8 | Changing the Subject of a Formula |  |  |  |  |
| 9 | Graphs of Equations |  |  |  |  |
| 10 | Graphing Inequalities |  |  |  |  |
| 11 | Quadratic Equations |  |  |  |  |
| 12 | Simultaneous Equations |  |  |  |  |
| 13 | Distance-Time Graphs |  |  |  |  |
| 14 | Velocity-time Graphs |  |  |  |  |
| 15 | y = mx + c Graphs |  |  |  |  |
| 16 | Equations of Circles  |  |  |  |  |
| 17 | Iteration |  |  |  |  |
| 18 | Functions |  |  |  |  |
| 19 | Algebraic Fractions and Fractional Equations |  |  |  |  |
| 20 | Transformation of Functions |  |  |  |  |
| 21 | Algebraic Proof |  |  |  |  |
| 22 | Functional Skills - Algebra |  |  |  |  |