

Key Stage 4 Mathematics Curriculum Map



| | AUTUMN TERM 1 | AUTUMN TERM 2 | SPRING TERM 1 | SPRING TERM 2 | SUMMER TERM 1 | SUMMER TERM 2 |
|-----------|---|---|---|--|--|--|
| 10 | Percentage and interest Standard form, indices Surd and bounds Sequences | Vectors Loci Equations and inequalities Transformations and similarity | Trigonometry and pythagoras Bearing and angles Graphs Number reasoning | Geometric reasoning Surface Area and volume Plans and elevations Similarity Trigonometry Simultaneous equations | Probability Tree diagrams Statistics and data | Expand and factorising Rearranging equations Preparation for year 10 exams |
| 11 | Working with circle angles and area Proportional reasoning ng Non linear Graphs | Algebra Functions and graphs Using graphs Preparation for December PPEs Feedback on December Papers Function and algebra | Algebraic reasoning Geometric reasoning Number sense Show me resources Preparation for March PPEs | Graphs Preparation for March PPES Delving into data | Personalised Curriculum Strengthen through tackling misconceptions identified through topic analysis. Enrich through opportunities for problem solving. Extend through challenging content that goes beyond the curriculum. | Preparation for PPES and GCSE examinations throughout the year. |