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| <p>THE HIGHEST STANDARDS Always set and deliver the highest standards; never settle for less.</p> | <p>INVEST TO ACHIEVE Care about it now; create the very best for your future.</p> | <p>EVERYONE IS VALUED We are unique individuals working together to be the best.</p> | <p>NO EXCUSES Create solutions, not excuses.</p> | <p>NEVER GIVE UP Resilience is essential; self-belief drives improvement.</p> | <p>CULTIVATE YOUR CHARACTER Qualifications open doors; your character gets you through them.</p> |
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Mathematics Year 12 2024-2025

| Half Term 1 | Week 0 | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 |
|--------------|-----------------------------|----------------------------------|------------------------------|---|-------------------------------------|--------------------------------|--------------------------|-----------------------|-------------|
| Mech | | Baseline Assessment | P1: Algebraic Expressions | | P4: Graphs and Transformations | | P5: Straight Line Graphs | | P6: Circles |
| Stats | | | P2: Quadratics | | | P3: Equations and Inequalities | | P7: Algebraic Methods | |
| Half Term 2 | Week 9 | Week 10 - LC1 | Week 11 | Week 12 - PE | Week 13 | Week 14 | Week 15 | | |
| Mech | P6: Circles | P9: Trigonometric Ratios | | P10: Trigonometric Identities and Equations | | Assessment Week | P11: Vectors | Holiday | |
| Stats | P8: Binomial Expansions | | P12: Differentiation | | | | P13: Integration | | |
| Half Term 3 | Week 16 | Week 17 | Week 18 | Week 19 | Week 20 | Week 21 - LC2 | | | |
| Mech | P11: Vectors | P14: Exponentials and Logarithms | | | M8: Introduction to Mechanics | M9: Constant Acceleration | Holiday | | |
| Stats | P13: Integration | | S1: Data Collection | | S2: Measures of Location and Spread | | | | |
| Half Term 4 | Week 22 | Week 23 | Week 24 - PE | Week 25 | Week 26 | | | | |
| Mech | M9: Constant Acceleration | M10: Forces and Motion | | | Trial Examinations | Holiday | | | |
| Stats | S3: Representations of Data | | S4: Correlation | | | | | | |
| Half Term 5 | Week 27 | Week 28 | Week 29 | Week 30 | Week 31 - LC3 | Week 32 | | | |
| Mech | CTG | | M11: Variable Acceleration | | P2*: Functions and Graphs | | Holiday | | |
| Stats | | | S5: Probability | | S6: Statistical Distributions | | | | |
| Half Term 6 | Week 33 | Week 34 | Week 35 | Week 36 | Week 37 | Week 38 | Week 39 | | |
| Mech | P5*: Radians | | P6*: Trigonometric Functions | | Revision | Trial Examinations | CTG | | |
| Stats | S7: Hypothesis Testing | | P1*: Algebraic Methods | | | | | | |

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| How does this year deliver your curriculum intent? | <p>Study within year 12 builds upon prior learning from year 10 and 11, especially regarding algebra and geometry. Students are presented problems in unfamiliar contexts and work on their resilience to complete these problems. They will be able to adapt methods shown to apply to all situations. Within statistics, students look at the relevance of mathematics in the real world- especially with the large data set. Links to geography and physics are explicit across the curriculum.</p> |
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