

Always set and deliver
the highest standards:
never settle for less.

Come aboard the new
cruiser. It's very good for
you & future.

We are unique individuals working together to do the best

Create solutions,
not excuses.

Resilience is essential
self-leadership drives
performance

Qualifications open doors; your character gets you through them.

Mathematics Year 12

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	Holiday	
Mech	P6: Circles	P9: Trigonometric Ratios		P10: Trigonometric Identities and Equations		Assessment Week	P11: Vectors		
Stats	P8: Binomial Expansions		P12: Differentiation				P13: Integration		
Half Term 3	Week 16	Week 17	Week 18	Week 19	Week 20	Week 21 - LC2	Holiday		
Mech	P11: Vectors	P14: Exponentials and Logarithms			M8: Introduction to Mechanics	M9: Constant Acceleration			
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	Holiday			
Mech	M9: Constant Acceleration	M10: Forces and Motion			Trial Examinations				
Stats	S3: Representations of Data		S4: Correlation						
Half Term 5	Week 27	Week 28	Week 29	Week 30	Week 31 - LC3	Week 32	Holiday		
Mech	CTG		M11: Variable Acceleration		P2*: Functions and Graphs				
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						
How does this year deliver your curriculum intent?		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.							