

MATHS PAL CURRICULUM CONTENT OVERVIEW

Autumn Term 1	Spring Term 1	Summer Term 1
• Algebraic Expressions	• Integration	• Forces and Friction
• Quadratics	• January Mock Exam	• Application of Forces
• Equations and Inequalities	• Exponentials and Logarithms	• Revision
• Graphs and Transformations	• Modelling in Mechanics	
• Straight Line Graphs	• Graphs in Mechanics	
Autumn Term 2	Spring Term 2	Summer Term 2
• Circles	• Constant acceleration	• Revision and End of Year Exams
• Binomial Distribution	• Vectors	• Work experience
• Trigonometry	• Projectiles	• Data collection
• Differentiation	• Variable acceleration	• Measures of Location and Spread
		• Representations of Data and Spread

MATHS TAL CURRICULUM CONTENT OVERVIEW

Autumn Term 1	Spring Term 1	Summer Term 1
• Probability	• Mock exams	• Vectors
• Binomial Distribution	• Algebraic Methods	• Large Data Set
• Hypothesis Testing	• Binomial Expansion	• Revision
• Correlation	• Parametric Equations	
• Normal distribution	• Proof by Contradiction	
• Moments	• Differentiation	
Autumn Term 2	Spring Term 2	Summer Term 2
• Trigonometry	• Numerical Methods	• Exams
• Functions and Graphs	• Integration	
• Sequences and Series		