| FURTHER MATHS PAL CURRICULUM CONTENT OVERVIEW | | | |
|---|--|--|--|
| Autumn Term 1 - Pure | Spring Term 1 - Pure | Summer Term 1 - Pure | |
| Algebraic Expressions | Integration 1 | Proof by Contradiction | |
| Quadratics | Exponentials and Logarithms | Differentiation 2 | |
| Equations and Inequalities | Mid year exam | Integration 2 | |
| Graphs and Transformations | Algebraic Methods | Numerical Methods | |
| Straight Line Graphs | Functions and Graphs | | |
| Circles | | | |
| Autumn Term 1 - Applied | Spring Term 1 - Applied | Summer Term 1 - Applied | |
| Modelling in Mechanics | Application of Forces | Correlation | |
| Graphs in Mechanics | Mid year exam | Normal distribution | |
| Constant acceleration | Data collection | Large Data Set | |
| Vectors | Measures of Location and Spread | | |
| | Representations of Data and Spread | | |
| Autumn Term 2 - Pure | Spring Term 2 - Pure | Summer Term 2 - Pure | |
| Algebraic Methods | Sequences and Series | Revision and End of Year Exams | |
| Binomial Distribution | Binomial Expansion | Work experience | |
| Trigonometry 1 | Trigonometry 2 | Extension work | |
| Differentiation 1 | Parametric Equations | Presentations | |
| Autumn Term 2 - Applied | Spring Term 2 - Applied | Summer Term 2 - Applied | |
| Projectiles | Probability | Revision and End of Year Exams | |
| Variable acceleration | Binomial Distribution | Work experience | |
| Forces and Friction | Hypothesis Testing | Extension work | |
| | FURTHER MATHS TAL CURRICULUM CONTENT OVERVIEW | | |
| Autumn Term 1 - Pure | Spring Term 1 - Pure | Summer Term 1 - Pure | |
| Complex Numbers 1 | • Series 1 | Revision | |
| Argand Diagrams | Proof by induction | | |
| Roots of Polynomials | Series 2 | | |
| Volumes of Revolution 1 | Complex Numbers 2 | | |
| Volumes of Revolution 2 | | | |
| Autumn Term 1 - Applied | Spring Term 1 - Applied | Summer Term 1 - Applied | |
| Discrete Probability Distributions | Momentum and Impulse | Revision | |
| Poisson Distributions | Work, Energy, and Power | | |
| Geometric and Negative Binomial Distributions | Elastic Collisions in One Dimension | | |
| • Hypothesis Testing | Elastic Strings and Springs | | |
| Autumn Term 2 - Pure | Spring Term 2 - Pure | Summer Term 2 - Pure | |
| Methods in Calculus | Polar coordinates | • Exams | |
| Matrices | Hyperbolic Functions | | |
| Linear Transformations | Differential Equations | | |
| Vectors | | | |
| Autumn Term 2 - Applied | Spring Term 2 - Applied | Summer Term 2 - Applied | |
| Chi-squared Tests | Elastic Collisions in Two Dimension | • Exams | |

| Central Limit Theorem | FM1 Revision | |
|--|--------------|--|
| Probability Generating Functions | • FM1 Mock | |
| Quality of Tests | | |