

Year 12 Further Maths Scheme of Work

2022 - 2023

Overview – Year 12 FM Pure

Autumn half term 1	PURE 1 Chapter 1 Algebraic expressions	PURE 1 Chapter 2 Quadratics	PURE 1 Chapter 3 Equations and Inequalities	PURE 1 Chapter 4 Graphs and Transformations	PURE 1 Chapter 5 Straight Line Graphs	PURE 1 Chapter 6 Circles
Autumn half term 2	PURE 1 Chapter 7 Algebraic Methods	PURE 1 Chapter 8 Binomial Expansion	PURE 1 Chapter 9 Trigonometric Ratios	PURE 1 Chapter 10 Trigonometric Identities and Equations	PURE 1 Chapter 11 Vectors	PURE 1 Chapter 12 Differentiation
Christmas holidays						
Spring half term 1	PURE 1 Chapter 12 Differentiation	PURE 1 Chapter 13 Integration		PURE 1 Chapter 14 Exponentials and Logarithms		
Spring half term 2	PURE 2 Chapter 1 Algebraic Methods	PURE 2 Chapter 2 Functions and Graphs		PURE 2 Chapter 3 Sequences and Series	PURE 2 Chapter 4 Binomial Expansion	PURE 2 Chapter 5 Radians
Easter holidays						
Summer half term 1	PURE 2 Chapter 6 Trigonometric functions	PURE 2 Chapter 7 Trigonometry and Modelling		PURE 2 Chapter 8 Parametric Equations		PURE 2 Chapter 9 Differentiation
Summer half term 2	PURE 2 Chapter 10 Numerical methods	PURE 2 Chapter 11 Integration			Pure 2 Chapter 12 Vectors	Consolidation/Revision

Overview – Year 12 FM Applied

Autumn half term 1	STATS 1 Chapter 1 Data Collection	STATS 1 Chapter 2 Measures of Location and Spread	STATS 1 Chapter 3 Representation of Data	STATS 1 Chapter 4 Correlation	STATS 1 Chapter 5 Probability
Autumn half term 2	STATS 1 Chapter 6 Statistical Distributions	STATS 1 Chapter 7 Hypothesis Testing		MECHS 1 Chapter 8 Modelling in Mechanics	MECHS 1 Chapter 9 Constant Acceleration
Christmas holidays					
Spring half term 1	MECHS 1 Chapter 10 Forces and Motion		MECHS 1 Chapter 11 Variable Acceleration	STATS 2 Chapter 1 Regression, correlation and hypothesis testing	
Spring half term 2	STATS 2 Chapter 2 Conditional Probability		STATS 2 Chapter 3 Normal Distribution	MECHS 2 Chapter 4 Moments	
Easter holidays					
Summer half term 1	MECHS 2 Chapter 5 Forces and Friction		MECHS 2 Chapter 7 Application of forces		MECHS 2 Chapter 6 Projectiles
Summer half term 2	MECHS 2 Chapter 6 Projectiles		MECHS 2 Chapter 8 Further Kinematics		Consolidation/Revision