Year 12 Scheme of Work

2022 - 2023

The Heathland School
A Mathematics and Science College

Overview – Year 12 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 7 Algebraic Methods**
Autumn half term 2	**PURE 1 Chapter 4 Graphs and Transformations**		**PURE 1 Chapter 5 Straight Line Graphs**	**PURE 1 Chapter 6 Circles**
Christmas holidays				
Spring half term 1	**PURE 1 Chapter 6 Circles**	**PURE 1 Chapter 9 Trigonometric Ratios**		**PURE 1 Chapter 10 Trigonometric Identities and Equations**
Spring half term 2	**PURE 1Chapter 10 Trigonometric Identities and Equations**	**PURE 1 Chapter 12 Differentiation**		**PURE 1 Chapter 13 Integration**
Easter holidays				
Summer half term 1	**PURE 1 Chapter 13 Integration**	**PURE 1 Chapter 14 Exponentials and Logarithms**		
Summer half term 2	**PURE 1 Chapter 8 Binomial Expansion**	**PURE 2 Chapter 4 Binomial Expansion**		**Consolidation/Revision**

Overview – Year 12 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 5 Probability**
Autumn half term 2	**STATS 1 Chapter 5 Probability**	**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**		**STATS 1 Chapter 6 Statistical Distributions**	
Spring half term 2	**STATS 1 Chapter 7 Hypothesis Testing**		**MECHS 1 Chapter 11 Variable Acceleration**	**STATS 1 Chapter 4 Correlation**
Easter holidays				
Summer half term 1	**STATS 2 Chapter 1 Regression, correlation and hypothesis testing**		**STATS 2 Chapter 2 Conditional Probability**	
Summer half term 2	**Pure 1 Chapter 11 Vectors**	**Pure 2 Chapter 12 Vectors**		**Consolidation/Revision**