



THE ARNEWOOD SCHOOL KEY STAGE 5 MATHS



Implementation

Year 12

Half term	Curriculum focus		Landmark assessment
	Core	Statistics & Mechanics	
Autumn 1	Indices Surds Quadratics Sketching graphs	Probability Data Analysis Regression	Students are given half term assessment on work covered to date
Autumn 2	Straight Lines Differentiation Proof Vectors	Distributions Hypothesis Testing SUVAT Variable acceleration	
Spring 1	Integration Binomial Expansion Algebra Trigonometry	Forces <i>i</i> 's and <i>j</i> 's $F=ma$	Students are given a formal January mock exam assessment on all work covered to date
Spring 2	Circles Logs	Connected Particles	
Summer 1	Exam Paper Practice		External AS exams
Summer 2	A2 course starts Differentiation Radians Sequences Partial Fractions		Internal AS exams

Year 13





Half term	Curriculum focus		Landmark assessment
	Core	Statistics & Mechanics	
Autumn 1	Trigonometry	Differentiation	Students are given half term assessment on work covered to date
Autumn 2	Integration Binomial expansion	Numerical methods Functions & Modulus	
Spring 1	Vectors Regression Hypothesis testing Probability Normal Distribution	Parametric equations Forces on slopes $F=ma$ Vectors Moments Statics	Students are given a formal January mock exam assessment on all work covered to date
Spring 2	Exam preparation and exam past papers		
Summer 1			
Summer 2			External AS exams

