

Maths Year 12 Autumn 1

Week	Unit Name	Learning Objectives	Resources	Assessment
1	Pure	Algebraic Expressions – Indices, Surds etc	Naiker Maths	Regular Progress Checks and Xmas Assessment
	Applied	Sampling		
2	Pure	Algebraic Expressions – Indices, Surds etc		
	Applied	Central Tendency and Linear Interpolation		
3	Pure	Algebraic Expressions – Indices, Surds etc		
	Applied	Percentiles and Standard Deviation		
4	Pure	Quadratics		
	Applied	Coding		
5	Pure	Quadratics		
	Applied	Box Plots and Cumulative Frequency		
6	Pure	Quadratics		
	Applied	Histograms and Comparing Data		
7	Pure	Equations and Inequalities		
	Applied	Correlation and Linear Regression		

Maths**Year 12****Autumn 2**

Week	Unit Name	Learning Objectives	Resources	Assessment
1	Pure	Equations and Inequalities	Naiker Maths	Regular Progress Checks and Xmas Assessment
	Applied	Venn Diagrams, Mutually exclusive and Independent events		
2	Pure	Equations and Inequalities		
	Applied	Tree Diagrams		
3	Pure	Graphs and Transformations		
	Applied	Probability and Binomial Distribution		
4	Pure	Graphs and Transformations		
	Applied	Cumulative Binomial Distribution		
5	Pure	Graphs and Transformations		
	Applied	Hypothesis Testing		
6	Pure	Straight Line Graphs		
	Applied	One and Two Tailed tests		
7	Pure	Straight Line Graphs		
	Applied	Assessment and DIRT		

Maths**Year 12****Spring 1**

Week	Unit Name	Learning Objectives	Resources	Assessment
1	Pure	Straight Line Graphs	Naiker Maths	Regular Progress Checks and Easter Assessment
	Applied	Modelling and Time Graphs		
2	Pure	Circles		
	Applied	SUVAT in vertical and horizontal motion		
3	Pure	Circles		
	Applied	SUVAT Problems		
4	Pure	Circles		
	Applied	Forces as Vectors and Newtons second law		
5	Pure	Algebraic Methods		
	Applied	Connected Particles and Pulleys		
6	Pure	Algebraic Methods		
	Applied	Variable Acceleration		
7	Pure	Algebraic Methods		
	Applied	Assessment and DIRT		

Maths**Year 12****Spring 2**

Week	Unit Name	Learning Objectives	Resources	Assessment
1	Pure	Differentiation	Naiker Maths	Regular Progress Checks and Easter Assessment
	Applied			
2	Pure	Differentiation		
	Applied			
3	Pure	Differentiation		
	Applied			
4	Pure	Integration		
	Applied			
5	Pure	Integration		
	Applied			
6	Pure	Integration		
	Applied			

Maths Year 12 Summer 1

Week	Unit Name	Learning Objectives	Resources	Assessment
1	Pure	Trigonometry	Naiker Maths	Regular Progress Checks and Summer Assessment
	Applied			
2	Pure	Trigonometry		
	Applied			
3	Pure	Trigonometry		
	Applied			
4	Pure	Trigonometry		
	Applied			
5	Pure	Trigonometry		
	Applied			
6	Pure	Trigonometry		
	Applied			

Maths**Year 12****Summer 2**

Week	Unit Name	Learning Objectives	Resources	Assessment
1	Pure	Vectors	Naiker Maths	Regular Progress Checks and Summer Assessment
	Applied			
2	Pure	Vectors		
	Applied			
3	Pure	Vectors		
	Applied			
4	Pure	Exponentials and Logarithms		
	Applied			
5	Pure	Exponentials and Logarithms		
	Applied			
6	Pure	Exponentials and Logarithms		
	Applied			