The Latimer Arts College Curriculum Year Overview

Subject: Mathematics

	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12	Year 13
Term 1	Algebraic Thinking	Proportional Representation	Calculations 1 Expressions	Ratio and proportion Factors, powers and roots	Graphs 2 Pythagoras and trigonometry	Algebra Coordinate geometry Surds and indices Graphs	Radian measure Trigonometry 2 Functions Partial fractions
Term 2	Place Value and Proportion	Representation	Angles and polygons Handling data 1	Measures and accuracy Equations and inequalities	Combined events Sequences	Differentiation 1 Integration 1 Binomial expansions Vectors	Differentiation 2 Sequences and series
Term 3	Number Operations	Algebraic Techniques	Fractions, decimals and percentages	Circles and constructions	Units and proportionality	Trigonometry 1 Logarithms and exponential functions	Mechanics 2
Term 4	Directed Number / Fractional Thinking	Developing Number	Formulae and functions	Graphs 1	Revision	Mechanics 1	Integration 2
Term 5	Lines and Angles	Developing Geometry	Working in 2D	Working in 3D Calculations 2	Revision	Statistics 1	Revision
Term 6	Reasoning with Number	Reasoning with Data	Probability	Handling data 2		Numerical Methods Statistics 2	