

**Christleton High School
Curriculum Map**

		Subject: MATHS		
		Term 1	Term 2	Term 3
Year 7 Following Maths Mastery	Place Value Proportion (Fraction, Decimal and Percentage equivalence) Applications of Number: Addition, Subtraction, Multiplication and Division of integers and decimals in contexts, including perimeter and area	Fractions/Percentages of amounts Directed Numbers & Order of operations Algebraic Thinking: Sequences, Expressions and Equations	Fractional Thinking: Addition & Subtraction Lines & Angles: Construction, Measuring and Geometric Reasoning Reasoning with Number: Developing Number Sense, Sets & Probability, Prime numbers & Proof	
Year 8 Following Maths Mastery	Proportional Reasoning: Ratio & Scale, Multiplicative change, Multiplication and Division of Fractions	Representations: Linear Graphs, Representing Data, Probability Algebraic Techniques: Brackets, Equations and Inequalities Developing Number: Fractions & Percentages, Standard Form,	Number Sense Developing Geometry: Angles in parallel line and polygons, Area of a trapezia and circles, Line symmetry and reflection Reasoning with data	
Year 9 GCSE	Integers, Rounding, Decimals, Fractions Angles, Area & Volume	Percentages Combinations Factors & Multiples Probability	Indices and standard form Transformations Conversions Compound Measures	
Year 10 GCSE HIGHER	Statistical Diagrams & Averages Algebraic Expressions and Equations Ratio Inequalities & Sequences Similarity	Bearings, Constructions, Loci, Scale diagrams Formulae and Functions Surds Pythagoras and trigonometry	Trigonometry Complex Area & Volume Linear graphs Histograms	
Year 10 GCSE FOUNDATION	Statistical Diagrams & Averages Algebraic Expressions and Equations Ratio Inequalities & Sequences Similarity	Bearings, Constructions, Loci, Scale diagrams Formulae and Functions Pythagoras and trigonometry	Trigonometry Complex Area & Volume Linear graphs	
Year 11 GCSE HIGHER	Vectors Congruence Circle theorems Algebraic Proof Solving quadratics equations Solving simultaneous equations	Further Graphs and inequalities Direct and inverse proportion Graphs of trigonometrical functions, Transforming graphs Algebraic fractions Revision	Revision	
Year 11 GCSE FOUNDATION	Vectors Congruence Algebraic Proof Solving quadratics equations Solving simultaneous equations	Further Graphs Direct and inverse proportion Revision	Revision	
Year 12 A-Level	Algebra and functions Co-ordinate Geometry Further Algebra Data Collection, Measures of location and spread, Representation of data, Correlation Probability, Statistical distributions, Hypothesis testing	Trigonometry Differentiation Integration Exponentials and Logs Vectors (2D) Modelling in Mechanics, Constant acceleration, Forces and motion Variable acceleration	A2 starts: Proof Partial fractions Binomial Expansion Functions and Modelling Series and Sequences	

Year 13 A-Level	Trigonometry Parametric equations Differentiation Regression and correlation Conditional Probability Normal Distribution	Numerical methods Integration Vectors (3D) Moments Forces and friction, Application of Forces Projectiles	Revision
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