

Maths Curriculum Map Overview

Please note further information can be found in the mathematics curriculum sequencing document



Key Stage 3

KS3 Year 7	Half term 1 Autumn 1	Half term 2 Autumn 2	Half term 3 Spring 1	Half term 4 Spring 2	Half term 5 Summer 1	Half term 6 Summer 2
Topic/content	Students will be taught a sequence of lessons focusing on: Algebraic Manipulation 1 Place Value 1	Students will be taught a sequence of lessons focusing on: Calculations 1	Students will be taught a sequence of lessons focusing on: Angles 1 Proportional Reasoning 1	Students will be taught a sequence of lessons focusing on: Calculations 2	Students will be taught a sequence of lessons focusing on: Properties of number 1	Students will be taught a sequence of lessons focusing on: Shape 1

KS3 Year 8	Half term 1 Autumn 1	Half term 2 Autumn 2	Half term 3 Spring 1	Half term 4 Spring 2	Half term 5 Summer 1	Half term 6 Summer 2
Topic/content	Students will be taught a sequence of lessons focusing on: Algebraic Manipulation 2 Proportional Reasoning 2	Students will be taught a sequence of lessons focusing on: Proportional Reasoning 3 Graphs 1	Students will be taught a sequence of lessons focusing on: Equations and Inequalities 1	Students will be taught a sequence of lessons focusing on: Shape 2	Students will be taught a sequence of lessons focusing on: Circles 1	Students will be taught a sequence of lessons focusing on: Statistics 1

KS3 Year 9	Half term 1 Autumn 1	Half term 2 Autumn 2	Half term 3 Spring 1	Half term 4 Spring 2	Half term 5 Summer 1	Half term 6 Summer 2
Topic/content	Students will be taught a sequence of lessons focusing on: Probability 1	Students will be taught a sequence of lessons focusing on: Algebraic manipulation 3	Students will be taught a sequence of lessons focusing on: Shape 3	Students will be taught a sequence of lessons focusing on: Proportional Reasoning 4 Calculations 3	Students will be taught a sequence of lessons focusing on: Angles 2	Students will be taught a sequence of lessons focusing on: Graphs 2

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Key Stage 4

KS4 Year 10	Half term 1 Autumn 1	Half term 2 Autumn 2	Half term 3 Spring 1	Half term 4 Spring 2	Half term 5 Summer 1	Half term 6 Summer 2
Topic/content	Students will be taught a sequence of lessons focusing on: Shape 4	Students will be taught a sequence of lessons focusing on: Statistics 2	Students will be taught a sequence of lessons focusing on: Probability 2 Circles 2	Students will be taught a sequence of lessons focusing on: Equations and Inequalities 2 Proportional Reasoning 5	Students will be taught a sequence of lessons focusing on: Shape 5 Place Value 2	Students will be taught a sequence of lessons focusing on: Equations and Inequalities 3 Angles 3

KS4 Year 11	Half term 1 Autumn 1	Half term 2 Autumn 2	Half term 3 Spring 1	Half term 4 Spring 2	Half term 5 Summer 1	Half term 6 Summer 2
Topic/content	Students will be taught a sequence of lessons focusing on: Graphs 3	Students will be taught a sequence of lessons focusing on: Equations and Inequalities 4 Algebraic manipulation 4	Students will be taught a sequence of lessons focusing on: Proportional Reasoning 6 Shape 6 Algebraic Manipulation 5	Students will be taught a sequence of lessons focusing on: Shape 7 Show That 1	Guided practice and consolidation of content	

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HIGH
SCHOOL

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LEARNING TRUST

Key Stage 5

KS5 Year 12	Half term 1 Autumn 1	Half term 2 Autumn 2	Half term 3 Spring 1	Half term 4 Spring 2	Half term 5 Summer 1	Half term 6 Summer 2
Topic/content	Students will be taught a sequence of lessons focusing on: Proof Surds and Indices Quadratic Functions Equations and Inequalities Coordinate Geometry	Students will be taught a sequence of lessons focusing on: Trigonometry Polynomials Graphs and transformations The Binomial Expansion	Students will be taught a sequence of lessons focusing on: Differentiation Integration Exponentials and Logarithms	Students will be taught a sequence of lessons focusing on: Data collection Data processing, presentation, interpretation Probability Vectors Kinematics	Students will be taught a sequence of lessons focusing on: The binomial distribution Hypothesis testing with the binomial Forces and Newton's laws of motion Variable Acceleration	Guided practice and consolidation of content

KS5 Year 13	Half term 1 Autumn 1	Half term 2 Autumn 2	Half term 3 Spring 1	Half term 4 Spring 2	Half term 5 Summer 1	Half term 6 Summer 2
Topic/content	Students will be taught a sequence of lessons focusing on: Proof Trigonometry	Students will be taught a sequence of lessons focusing on: Trigonometric functions	Students will be taught a sequence of lessons focusing on: Parametric equations	Students will be taught a sequence of lessons focusing on: Probability	Guided practice and consolidation of content	

	Sequences and Series Functions Differentiation	Further Algebra Trigonometric Identities Further differentiation Integration	Differential equations Numerical Methods Vectors	Statistical distributions Hypothesis testing Kinematics Forces and motion Moments Projectiles Friction		
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