

## Maths

### Key Stage 3 Information

Key Assessment Dates	Half termly assessments End of Year exams	
Topics covered in Yr7 Autumn term	Calculator use Analysing and Displaying Data Number Skills Expressions, Functions and Formulae Decimals and Measures	
Topics covered in Yr7 Spring term	Fractions Probability Ratio and Proportion Lines and Angles Pie Charts	
Topics covered in Yr7 Summer term	Sequences Algebraic Graphs Transformations Financial Maths	
Topics covered in Yr8 Autumn term	Number Area and Volume Expressions and Equations Real life graphs	
Topics covered in Yr8 Spring term	Decimals and Ratio Angles Fractions Straight Line Graphs	
Topics covered in Yr8 Summer term	Percentages Statistics Financial Maths	
Topics covered in Yr9 Autumn term	<u>Higher</u> Number Algebraic Manipulation Interpreting and Representing Data Fractions, Decimals and Percentages Sequences	<u>Foundation</u> Number Algebraic Manipulation Graphs, Tables and Charts Averages Fractions and Percentages
Topics covered in Yr9 Spring term	<u>Higher</u> Linear and Simultaneous	<u>Foundation</u> Equations and Inequalities

	Equations Angles Pythagoras and Trigonometry Algebraic Graphs	Sequences Angles Perimeter, Area and Volume
Topics covered in Yr9 Summer term	<u>Higher</u> Perimeter, Area and Volume Transformations Financial Maths	<u>Foundation</u> Algebraic Graphs Right Angled Triangles Financial Maths
Useful resources to support learning in this subject	Dr Frost Maths My Maths IXL Corbettmaths	

### IGCSE Information

Exam board	Edexcel IGCSE Maths (4MA1)	
Units / papers students are entered for	2 Calculator Papers each 2 hours long Foundation Level Grades 5-1 Higher Level Grades 9-4	
Key Assessment Dates	End of Unit tests End of Year 10 Exams Mock Exams in Year 11 End of Year 11	
Topics covered in Yr10 Autumn term	<u>Higher</u> Degrees of Accuracy Integers and Decimals Properties of Number Surds Indices and Standard Form Quadratic Expressions Algebraic Fractions Perimeter, Area and Volume Sequences Statistical Measures Transformations	<u>Foundation</u> Integers and Decimals Types of Number Indices and Standard Form Algebraic Manipulation Perimeter, Area and Volume Sequences Statistical Measures Transformations
Topics covered in Yr10 Spring term	<u>Higher</u> Sets Probability Linear Equations and Inequalities	<u>Foundation</u> Sets Probability Fractions

	Rearranging Formulae Pythagoras and Trigonometry Real Life Graphs	Linear Equations and Inequalities Pythagoras and Trigonometry Real Life Graphs
Topics covered in Yr10 Summer term	<u>Higher</u> Linear Graphs Geometry of Shapes Percentages Similar and Congruent Shapes Ratio and Proportion	<u>Foundation</u> Linear Graphs Shapes and Angles Polygons Symmetry and similarity
Topics covered in Yr11 Autumn term	<u>Higher</u> Bearings and Constructions Percentages Quadratic Equations, Inequalities and Graphs Compound Measures Ratio and Proportion Surds Graphical Representations of Data Statistical Measures	<u>Foundation</u> Pythagoras and Trigonometry Percentages Compound Measures Ratio and Proportion Real life and Algebraic Graphs Angles
Topics covered in Yr11 Spring term	<u>Higher</u> Advanced Trigonometry Circle Properties Simultaneous Equations Sequence and Series Functions Calculus Transforming Graphs	<u>Foundation</u> Graphical Representations of Data Statistical Measures Angles Similar shapes Linear and Quadratic Equations Rearranging Formulae Circles and cylinders Constructions and Bearings
Topics covered in Yr11 Summer term	<u>Higher</u> Vectors Revision	<u>Foundation</u> Revision
Useful resources to support learning in this subject	Dr Frost Maths My Maths Seneca Learning MathsGenie	

### GCSE Information

Exam board	Edexcel GCSE Statistics (1ST01)
Units / papers students are entered	2 Calculator Papers each 2 hours long

for	Foundation Level Grades 5 - 1 Higher Level Grades 9 - 4
Key Assessment Dates	End of Unit tests End of Year 1 Exams Mock Exams in Year 11 End of Year 11
Topics covered in Yr1 Autumn term	Language of Statistics Collecting and Sorting Data
Topics covered in Yr1 Spring term	Displaying Discrete Data
Topics covered in Yr1 Summer term	Displaying Continuous Data
Topics covered in Yr2 Autumn term	Statistical Analysis of data
Topics covered in Yr2 Spring term	Statistical Analysis of data Probability
Topics covered in Yr2 Summer term	Revision
Useful resources to support learning in this subject	Dr Frost Maths My Maths Maths Genie