

Long Term Plan Subject: Maths



Key to Pathways: Inspire Explore Nurture Thrive Specialist Provision College

Key Stage 3	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Key Stage 3 Explore/Inspire/Nurture Pathway						
Explore/Thrive Pathway	Number and Place Value Addition and Subtraction Money 2D Shapes Time	Number and Place Value Multiplication and Division 3d shapes Movement	Number and Place Value Addition and Subtraction Money Mass/Weight	Number and Place Value Multiplication and Division Length/height	Number and Place Value Addition and Subtraction Capacity Money	Number and Place Value Multiplication and Division Handling data
Inspire Pathway	Number and Place Value Addition and Subtraction Money 2D Shapes Time	Number and Place Value Counting and sequencing Multiplication and Division Fractions Length/height	Number and Place Value Addition and Subtraction Money 3d shapes Position and direction	Number and Place Value Multiplication and Division Counting and sequencing Fractions Mass and weight	Number and Place Value Addition and Subtraction 2D Shapes Handling data	Number and Place Value Multiplication and Division Counting and sequencing Capacity

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Key Stage 4 Inspire Pathway GCSE						
Key Stage 4	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 10	Number Properties Algebra Order of Operations	Shape 2d shape/3d shape Types of shapes Types of triangles Angles Circles	Number Fractions Decimals Percentage Ratio	Shape Pythagoras Missing values Number Linear equations Data Handling Scatter graphs and correlation Block graphs Pie charts	Number Missing values Sequences Special numbers Probability Venn diagrams	Measure Conversion of units Perimeter Area Surface area
Year 11	Number Missing values Sequences Special numbers Probability Venn diagrams	Number Properties Algebra Order of Operations	Shape Pythagoras Missing values Number Linear equations Data Handling Scatter graphs and correlation Block graphs Averages	Number Fractions Decimals Percentage Ratio	Measure Conversion of units Perimeter Area Surface area	REVISION
Edexcel Level 1 Number and Measure						

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Year 10 & 11*resit						
	Number Calculations and properties of number	Number Negative numbers, decimal notation and calculations	Measure Telling the time, tables and charts	Number Fractions, decimals	Number Percentages, decimals, fractions Measure Perimeter, area, volume	Measure Units of measure, adding and subtracting units of measure, convert units of measure, read scales
Entry Level Cambridge Certificate in Maths (ENTRY LEVEL 3 R449) *Inspire to complete this by MAY in year 10						
	Number Calculations with whole numbers	Number Simple Fractions	Space Shape and Measure Decimals in money and length	Space Shape and Measure Read and measure time, distance, weight, capacity, length and temperature	Data Handling Extract and interpret data	Space Shape and Measure Understand the properties and perimeters of regular shapes and compass directions <i>(Entry Level 3 pass)</i>
Entry Level OCR Certificate in Maths (ENTRY LEVEL 1 & ENTRY LEVEL 3 Functional Maths)						
	Number To be able to add and subtract with three digit numbers To be able to solve practical problems involving multiplication and division by 2, 3, 4, 5 and 10	Number To be able to round to the nearest 10 or 100 Simple fractions Measure To be able to understand, estimate, measure and compare length	Number To be able to understand decimals to two decimal places in practical contexts Measure To be able to understand, estimate, measure and compare weight	Number To be able to recognise and describe number patterns	Measure To be able to understand, estimate, measure and compare capacity and temperature, money	Data Handling

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	Shape To be able to recognize and name simple 2D and 3D shapes and their properties					
Key Stage 4 Explore Pathway						
Entry Level OCR Certificate in Maths (ENTRY LEVEL 1 & ENTRY LEVEL 2)						
	Number Number from 0-10	Number Add and subtract whole numbers	Space Shape and Measure Money and Time	Space Shape and Measure Understand common and regular shapes and positional vocabulary	Space, Shape and Measure Compare and order items by measurement	Data Handling Extract and sort data
	Number Add, Subtract and Multiply Whole Numbers	Space Shape and Measure Understand common regular shapes and positional vocabulary <i>(Entry Level 1 pass)</i>	Space Shape and Measure Time and date formats and simple money calculations	Number Simple Fractions and common units of measure	Data Handling Extract, sort and present data for interpretation <i>(Entry Level 2 pass)</i>	Assessment module
Entry Level OCR Certificate in Maths (ENTRY LEVEL 1 & ENTRY LEVEL 2 Functional Maths)						
Year 10/11	Number Understand and use numbers with one significant figure in practical contexts	Shape Recognise and name common 2D and 3D shapes	Number Money Number Understand and use numbers with one significant	Sorting and classifying	Number Understand and use numbers with one significant figure in practical contexts	Assessment

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	Shape Describe the properties of size and measure, including length, width, height and weight, and make simple comparisons Position		figure in practical contexts			
Specialist Provision – Developing Numeracy Skills – Progression (ASDAN)						
Year 10	Number Going shopping	Time Using a clock	Handling Data Transport Survey	Number Taking part in a sports day activity	Space Shape and Measure Making Sandwiches	Position, Pattern, Sorting Visiting a café
Year 11	Number Entertaining	Handling Data Pet Survey	Space, Shape and Measure Sport and Leisure	Time Catching a bus	Handling Data Birthday Survey	Time Using a clock