



Curriculum Overview: MATHEMATICS

Exam Board: EDEXCEL

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
7	<ul style="list-style-type: none"> Place value Four operations with integers and decimals Factors multiples and primes 	<ul style="list-style-type: none"> Understanding fractions Compare and order fractions Four operations with fractions 	<ul style="list-style-type: none"> Solving equations Probability as a concept 	<ul style="list-style-type: none"> Sequences Presenting and interpreting data 	<ul style="list-style-type: none"> Properties of 2d shapes Perimeter and area Introduction to ratio 	<ul style="list-style-type: none"> Angle properties Parallel lines and angles
8	<ul style="list-style-type: none"> Order of operations Powers and roots Application of ratio 	<ul style="list-style-type: none"> Proportion Understanding percentages Percentages and multipliers as operators 	<ul style="list-style-type: none"> Data handling Probability calculations 	<ul style="list-style-type: none"> Simplify and manipulate algebra Area of circles 	<ul style="list-style-type: none"> Coordinates and transformations Plotting and interpreting graphs Similarity and congruence 	<ul style="list-style-type: none"> Constructions 3d shapes capacity and volume
9	<ul style="list-style-type: none"> Calculations with fractions, decimals and percentages Multiplicative reasoning: 	<ul style="list-style-type: none"> Direct and inverse proportion 	<ul style="list-style-type: none"> Expanding, factorising expressions and sequences Quadratic graphs 	<ul style="list-style-type: none"> Index laws, standard form and surds 	<ul style="list-style-type: none"> Angles and pythagoras' theorem Trigonometry 	<ul style="list-style-type: none"> Representing and interpreting data:: histograms and scatter graphs
10	<p>Foundation/higher:</p> <ul style="list-style-type: none"> FDP recap <p>Foundation/higher:</p> <ul style="list-style-type: none"> Compound measures 	<p>Foundation/higher:</p> <ul style="list-style-type: none"> Probability calculations <p>Foundation/higher:</p> <ul style="list-style-type: none"> Transformations 	<p>Foundation:</p> <ul style="list-style-type: none"> Plans elevations and bearings Surface area and volume <p>Higher:</p> <ul style="list-style-type: none"> Circle theorems Real life graphs 	<p>Foundation:</p> <ul style="list-style-type: none"> Linear and real-life graphs <p>Foundation/higher</p> <ul style="list-style-type: none"> Equations & inequalities <p>Higher:</p> <ul style="list-style-type: none"> Solving quadratics 	<p>Foundation</p> <ul style="list-style-type: none"> Grouped frequency averages and scatter graphs <p>Higher:</p> <ul style="list-style-type: none"> Surface area & volume 	<p>Foundation:</p> <ul style="list-style-type: none"> Solving quadratics <p>Higher:</p> <ul style="list-style-type: none"> Data handling
11	<p>Foundation:</p> <ul style="list-style-type: none"> Reciprocals index form and indices Ratio and proportion <p>Higher:</p> <ul style="list-style-type: none"> Algebraic fractions Further trigonometry 	<p>Foundation:</p> <ul style="list-style-type: none"> Rates of change <p>Higher:</p> <ul style="list-style-type: none"> Similarity congruence proof Transformations of graphs 	<p>Higher:</p> <ul style="list-style-type: none"> Vectors and proof Bespoke revision content based on mock exams 	<ul style="list-style-type: none"> Bespoke revision content based on mock exams 	<ul style="list-style-type: none"> Bespoke revision content based on mock exams 	<ul style="list-style-type: none"> Bespoke revision content based on mock exams