

This document contains details of how the subject is sequenced over the years of delivery. Included are assessment points and the prior learning that will be included in these assessments. It also includes where topics are revisited to maximise student retrieval and retention. Along with curriculum content, opportunities to develop links with careers are also identified in order to bring the relevance of the curriculum into the wider life context.

Curriculum Intent Statement

In the mathematics department at BBG Academy, we aim to support all students and develop their skills and confidence in every lesson.

We believe it is important for every student to reach their potential. Our goal is for students to engage in and enjoy their mathematics lessons, thus unlocking their potential to reach the best possible outcome.

We encourage students to appreciate the interlinked nature of mathematics and thus draw on prior successes in order to approach new concepts and scenarios with competence and confidence. We strive to make maths enjoyable for all our learners in a bid to develop lifelong independent learners.

We use a variety of up-to-date teaching methods and resources to engage students and relate their mathematical knowledge to everyday life around them and actively research new techniques and methods to support the students to progress as best we can.

We follow the Sparx Maths Curriculum for year 7 to 10. It is sequenced to build on prior learning, enables a deep understanding of the concepts taught and supports the delivery of high-quality teaching and learning.

In year 11 we also use Sparx as an outline scheme of work but staff are encouraged to adapt where necessary to meet the needs of their classes in the run up to the GCSE exams.

All students study the Edexcel GCSE course. This is a linear course which means that all the examinations are taken at the end of Year 11. The students will take three exams; one non-calculator and two calculator papers. All three examinations are one hour and 30 minutes long.

	<p>Dividing</p> <ul style="list-style-type: none"> Dividing numbers into equal groups M462 Using a written method to divide integers M354 Dividing with remainder M873 Using a written method to divide by integers to get a decimal answer M262 Using a written method to divide by decimals M491 <p>Calculating with negative numbers</p> <ul style="list-style-type: none"> Adding and subtracting with negative numbers M106 Multiplying and dividing with negative numbers M288 <p>Order of operations</p> <ul style="list-style-type: none"> Calculating with roots and powers M135 Using the correct order of operations M521 Using the commutative laws M952 Using the associative laws M409 <p>Expressions</p> <p>Algebraic notation M813</p> <ul style="list-style-type: none"> Algebraic terminology M830 Simplifying expressions containing a single variable M795 Simplifying expressions containing multiple variables M531 Simplifying expressions containing non-linear terms M949 <p>Substitution</p> <ul style="list-style-type: none"> Substituting into expressions with one operation M417 Substituting into expressions with multiple operations M327 Substituting into algebraic formulae M208 Substituting into real-life formulae M979 <p>Solving equations</p> <p>Solving equations with one step M707</p> <ul style="list-style-type: none"> Solving equations of the form $ax+b=c$ M634 Solving equations of the form $x/a+b=c$ M647 	<p>Times tables</p> <ul style="list-style-type: none"> Using number lines M763 Ordering negative numbers M527 <p>Times tables</p> <ul style="list-style-type: none"> Adding M928, M429 Subtracting M347, M152 Multiplying M187, M803 Dividing M354, M262 Calculating with negative numbers M106, M288 <p>Using the correct order of operations M521</p> <ul style="list-style-type: none"> Using the commutative laws M952 Using the associative laws M409 Calculating with negative numbers M106, M288 <p>Using the correct order of operations M521</p> <ul style="list-style-type: none"> Calculating with negative numbers M106, M288 Algebraic notation M813 Function machines M175, M428 Algebraic notation M813 Substituting into expressions with one operation M417, M327 Using the correct order of operations M521 Calculating with negative numbers M106, M288 <p>Multiplying and dividing by 10, 100 and 1000 M113</p> <ul style="list-style-type: none"> Using number lines M763 		
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	<p>Time</p> <p>Converting units of time M515 Using clocks M892 Calculating with time M627 Using timetables M963 Using calendars M747</p> <p>Measures</p> <p>Estimating and measuring length, mass and capacity M828 Converting units of length, mass and capacity M774 Using appropriate units M487</p>			
Spring 1	<p>Topic:</p> <p>Line and shape properties Line properties M814 Shape properties M276 Symmetry M523</p> <p>Perimeter Finding perimeters using grids M920 Finding the perimeter of rectangles and simple shapes M635 Finding the perimeter of compound shapes M690</p> <p>Area Finding areas using grids M900 Finding the area of rectangles M390 Finding the area of compound shapes M269 Finding the area of triangles M610 Finding the area of compound shapes containing triangles M996</p> <p>Coordinates and shapes Reading and plotting coordinates M618 Solving shape problems involving coordinates M230 Factors and multiples Finding the lowest common multiple M227</p>	<p>Previous topics built on in this topic:</p> <p>Adding M928, M429</p> <p>Line properties M814</p> <p>Shape properties M276</p> <p>Multiplying M187, M803</p> <p>Line properties M814</p> <p>Shape properties M276</p> <p>Shape properties M276</p> <p>Times tables</p>	<p>Sparxs term 2</p> <p>Sparx Maths Curriculum - View the Curriculum</p>	<p>WHY MATHS - I can't do it! Resource - AMSP</p> <p>Algorithms: The Good, the Bad, and the Mutant - Maths Careers</p> <p>Careers in Maths: What is a Digital Processor System Engineer? - Maths Careers</p>

	<p>Finding factors and using divisibility tests M823 Finding the highest common factor M698 Primes Finding prime numbers M322 Prime factor decomposition M108</p> <p>Writing and comparing fractions Finding fractions of shapes M158 Constructing fractions M939 Finding equivalent fractions M410 Simplifying fractions M671 Ordering fractions M335 Converting between mixed numbers and improper fractions M601 Adding and subtracting fractions M835 Adding and subtracting mixed numbers M931</p> <p>Single brackets Using the distributive law M637 Expanding single brackets M237 Expanding single brackets and simplifying expressions M792 Factorising into one bracket M100</p>	<p>Dividing numbers into equal groups M462 Using a written method to divide integers M354 Finding factors and using divisibility tests M823 Dividing numbers into equal groups M462 Finding the lowest common multiple M227 Finding the highest common factor M698 Finding equivalent fractions M410 Simplifying fractions M671 Converting between mixed numbers and improper fractions M601 Algebraic notation M813 Simplifying expressions containing a single variable M795</p>		
Summer 1	<p>Topic:</p> <p>Angles Types of angles M502 Estimating angles M541 Measuring angles M780 Drawing angles M331 Angles on a line and about a point M818 Vertically opposite angles M163 Angles in triangles M351</p> <p>Averages and range Calculating the range M328 Calculating the median M934</p>	<p>Previous topics built on in this topic:</p> <p>Types of angles M502 Solving equations with one step M707 Solving equations of the form $ax + b = c$ M634 Place value M763, M704 Adding M928, M429 Subtracting M347, M152</p>	<p>End of year sparxs assessment</p> <p>Sparx Maths Curriculum - View the Curriculum</p>	<p>Resource - AMSP</p> <p>WHY MATHS - Why go further!</p> <p>Search Algorithms - Helping Tesco's online customers find what they're looking for - Maths Careers</p>

	<p>Finding the mode M841 Calculating the mean M940</p> <p>Tables and charts</p> <p>Interpreting frequency tables and two-way tables M899 Drawing and interpreting tally charts M597 Drawing and interpreting pictograms M644 Drawing bar charts M460 Interpreting bar charts M738 Collecting and presenting data Collecting and recording data using tables M945 Finding averages from frequency tables M127 Choosing suitable averages and solving problems M440</p> <p>Proportion word problems Solving proportion problems M478</p> <p>Multiplying and dividing fractions Reciprocals M216 Multiplying fractions M157 Dividing fractions M110 Multiplying with mixed numbers M197 Dividing with mixed numbers M265</p> <p>Fractions of amounts Fractions of amounts without a calculator M695 Fractions of amounts with a calculator M684 Fractions, decimals and percentages Converting between fractions and decimals M958 Converting between fractions, decimals and percentages M264 Ordering fractions, decimals and percentages M553</p>	<p>Multiplying M187, M803 Dividing M354, M262</p> <p>Averages and the range M328, M934, M841, M940 Interpreting frequency tables and two-way tables M899 Drawing and interpreting tally charts M597 Drawing and interpreting pictograms M644 Drawing and interpreting bar charts M460, M738 Using a calculator M757 Simplifying fractions M671 Converting between mixed numbers and improper fractions M601</p> <p>Multiplying fractions M157 Solving proportion problems M478 Constructing fractions M939 Finding equivalent fractions M410</p>		<p>Four different careers that use maths - Maths Careers</p>
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BBG Academy Curriculum 2025-2026 – Mathematics

	Writing numbers as percentages of other numbers M235	Simplifying fractions M671		
	Theoretical probability	Ordering fractions M335		
	Using probability phrases M655	Converting between mixed numbers and improper fractions M601		
	Writing probabilities as fractions M941	Constructing fractions M939		
	Writing probabilities as fractions, decimals and percentages M938	Adding and subtracting fractions M835		
	Probabilities of mutually exclusive events M755	Converting between fractions, decimals and percentages M264		
	Sample space diagrams M718	Ordering fractions, decimals and percentages M553		
		Writing numbers as percentages of other numbers M235		

Year 8

Year 8 assessment dates

Assessment week 1 – September

Assessment week 2 – February

Term	Content	Sequencing	Assessment	Careers links & Experiences
Autumn 1	<p>Topic:</p> <p>Percentages of amounts</p> <p style="padding-left: 40px;">Finding percentages of amounts without a calculator M437</p> <p style="padding-left: 40px;">Finding percentages of amounts with a calculator M905</p> <p>Percentage change</p> <p style="padding-left: 40px;">Percentage change without a calculator M476</p> <p style="padding-left: 40px;">Percentage change with a calculator M53</p> <p>Calculating with money</p> <p style="padding-left: 40px;">Value for money M681</p> <p>Index laws</p> <p style="padding-left: 40px;">Index rules with positive indices M608</p> <p style="padding-left: 40px;">Index rules with negative indices M150</p> <p style="padding-left: 40px;">Simplifying expressions using index laws M120</p> <p style="padding-left: 40px;">Simplifying algebraic fractions by cancelling common factors M568</p> <p>Solving equations</p> <p style="padding-left: 40px;">Solving equations of the form $(x+a)/b=c$ M401</p> <p style="padding-left: 40px;">Solving linear equations involving brackets M902</p>	<p>Previous topics built on in this topic:</p> <p>Converting between fractions, decimals and percentages M264</p> <p>Fractions of amounts without a calculator M695</p> <p>Fractions of amounts with a calculator M684</p> <p>Finding percentages of amounts without a calculator M437</p> <p>Finding percentages of amounts with a calculator M905</p> <p>Solving proportion problems M478</p> <p>Adding decimals M429</p> <p>Subtracting decimals M152</p> <p>Using a written method to multiply decimals M803</p> <p>Using a written method to divide by integers to get a decimal answer M262</p> <p>Calculating with roots and powers M135</p>	<p>Assessment week 1</p> <p>Partial GCSE foundation paper. (no calc)</p> <p>All topics covered so far in year 7 and 8</p> <p>Sparx Maths Curriculum - View the Curriculum</p>	<p>Resource - AMSP</p> <p>WHY MATHS - Core Maths: What's it all about?</p> <p>Interesting Buildings Based on Mathematics - Maths Careers</p> <p>How mathematics helps solve murders - Maths Careers</p>

	<p>Solving equations with the unknown on both sides M554 Solving equations with the unknown in the denominator M387 Constructing and solving equations M957</p> <p>Term-to-term rules Term-to-term rules for numerical sequences M381 Term-to-term rules for sequences of patterns M241</p> <p>Position-to-term rules Substituting into position-to-term rules M166 Position-to-term rules for arithmetic sequences M991 Position-to-term rules for sequences of patterns M866</p> <p>Ratio Writing and simplifying ratios M885 Writing ratios in the form 1:n M543 Converting between ratios, fractions and percentages M267 Using equivalent ratios to find unknown amounts M801 Sharing amounts in a given ratio M525</p> <p>Scale diagrams Drawing and interpreting scale diagrams M112</p>	<p>Simplifying fractions M671 Algebraic notation M813</p> <p>Solving equations with one step M707 Expanding single brackets M237 Solving equations of the form $ax+b=c$ M634 Solving equations of the form $x/a+b=c$ M647</p> <p>Simplifying expressions containing a single variable M795 Substituting into expressions with multiple operations M327 Using number lines M763 Adding and subtracting with negative numbers M106 Multiplying and dividing with negative numbers M288 Term-to-term rules for numerical sequences M381 Term-to-term rules for sequences of patterns M241 Solving equations of the form $ax+b=c$ M634 Substituting into expressions with multiple operations M327 Finding the highest common factor M698 Constructing fractions M939 Writing numbers as percentages of other numbers M235 Writing and simplifying ratios M885 Using equivalent ratios to find unknown amounts M801</p>		
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		Writing ratios in the form 1:n M543		
Spring 1	<p>Topic:</p> <p>Significant figures Rounding integers using significant figures M994 Rounding decimals using significant figures M131 Estimating calculations M878</p> <p>Coordinates and midpoints Calculating midpoints M622 Mixed problems: Coordinates and midpoints M311</p> <p>Area and units Finding the area of parallelograms M291 Finding the area of trapeziums M705 Converting units of area M728</p> <p>Area and circumference Identifying parts of circles M595 Finding the circumference of circles M169 Finding the area of circles M231</p> <p>Standard form and ordinary numbers Using standard form with positive indices M719 Using standard form with negative indices M678</p> <p>Venn diagrams Venn diagrams M829 Probabilities from Venn diagrams M419</p> <p>Factors, multiples and primes Finding the HCF and LCM using prime factor decomposition M365</p> <p>Nets Properties of 3D shapes M767 Nets of 3D shapes M518</p> <p>Surface area Finding the surface area from a net M884</p>	<p>Previous topics built on in this topic:</p> <p>Reading and plotting coordinates M618</p> <p>Finding the area of rectangles M390</p> <p>Finding the area of compound shapes M269</p> <p>Finding the area of triangles M610</p> <p>Finding the area of compound shapes containing triangles M996</p> <p>Converting units of length M772</p> <p>Calculating with roots and powers M135</p> <p>Substituting into algebraic formulae M208</p> <p>Rounding decimals M431</p> <p>Multiplying and dividing by 10, 100 and 1000 M113</p> <p>Writing probabilities as fractions M941</p> <p>Writing probabilities as fractions, decimals and percentages M938</p> <p>Probabilities of mutually exclusive events M755</p>	<p>Assessment window 2</p> <p>Partial GCSE foundation paper. (calc)</p> <p>All topics covered so far in year 7 and 8</p> <p>Sparx Maths Curriculum - View the Curriculum</p>	<p>Resource - AMSP</p> <p>WHY MATHS - Lessons for life</p> <p>Mathematics of the Perfect Diamond Cut - Maths Careers</p> <p>Big Data Careers: An overview of a growth area for mathematical jobs - Maths Careers</p>

	<p>Finding the surface area of cubes and cuboids M534 Finding the surface area of prisms M661</p> <p>Volume Finding the volume of cubes and cuboids M765 Finding the volume of prisms M722 Converting units of volume M465</p>	<p>Venn diagrams M829</p> <p>Finding the lowest common multiple M227</p> <p>Finding factors and using divisibility tests M823</p> <p>Finding the highest common factor M698</p> <p>Finding prime numbers M322</p> <p>Prime factor decomposition M108</p> <p>Shape properties M276</p> <p>Nets of 3D shapes M518</p> <p>Finding the area of compound shapes M269</p> <p>Finding the area of compound shapes containing triangles M996</p> <p>Converting units of length M772</p> <p>Finding the area of compound shapes M269</p> <p>Finding the area of compound shapes containing triangles M996</p> <p>Converting units of length M772</p>		
<p>Summer 1</p>	<p>Topic:</p> <p>Plotting graphs and finding equations Plotting horizontal, vertical and diagonal lines M797 Plotting straight line graphs M932</p>	<p>Previous topics built on in this topic:</p> <p>Reading and plotting coordinates M618 Substituting into algebraic formulae M208 Reading and plotting coordinates M618</p>		<p>Resource - AMSP</p> <p>WHY MATHS - Why an apprenticeship?</p>

	<p>Finding equations of straight line graphs M544</p> <p>Transforming shapes</p> <p>Translation M139</p> <p>Reflection M290</p> <p>Finding unknown angles</p> <p>Angles in quadrilaterals M679</p> <p>Combining angle facts M319</p> <p>Angles on parallel lines M606</p> <p>Using quadrilateral properties to find angles M393</p> <p>Angles in polygons M653</p> <p>Drawing and interpreting statistical diagrams</p> <p>Drawing pie charts M574</p> <p>Interpreting pie charts M165</p> <p>Drawing line graphs M140</p> <p>Interpreting line graphs M183</p> <p>Drawing stem-and-leaf diagrams M648</p> <p>Interpreting stem-and-leaf diagrams M210</p> <p>Finding averages from diagrams U854</p> <p>Linear inequalities</p> <p>Reading and drawing linear inequalities on number lines M384</p> <p>Solving single inequalities M118</p> <p>Double brackets</p> <p>Expanding double brackets M960</p> <p>Fractions</p> <p>Calculating with fractions M645</p> <p>Calculating with mixed numbers M619</p> <p>Algebraic fractions</p> <p>Simplifying algebraic fractions by factorising M754</p> <p>Adding and subtracting algebraic fractions M336</p>	<p>Angles on a line and about a point M818</p> <p>Vertically opposite angles M163</p> <p>Angles in triangles M351</p> <p>Drawing angles M331</p> <p>Angles on a line and about a point M818</p> <p>Fractions of amounts without a calculator M695</p> <p>Averages and range M328, M934, M841, M940</p> <p>Using number lines M763</p> <p>Solving equations with one step M707</p> <p>Mixed problems: solving equations with two or more steps M509</p> <p>Expanding single brackets and simplifying expressions M792</p> <p>Adding and subtracting fractions M835</p> <p>Adding and subtracting mixed numbers M931</p> <p>Multiplying fractions M157</p> <p>Multiplying with mixed numbers M197</p> <p>Dividing fractions M110</p> <p>Dividing with mixed numbers M265</p>		<p>Maths Careers in the UK Space Sector - Maths Careers</p> <p>Motorway Mathematics - Maths Careers</p>
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BBG Academy Curriculum 2025-2026 – Mathematics

	Fractions and recurring decimals Using recurring decimal notation M701 Converting fractions to recurring decimals M922	Calculating with fractions M645 Simplifying algebraic fractions by cancelling common factors M568 Factorising into one bracket M100 Using a written method to divide by integers to get a decimal answer M262 Converting between fractions, decimals and percentages M264		
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Year 9

Year 9 assessment dates

Assessment week 1 – December

Assessment week 2 – March

Term	Content	Sequencing	Assessment	Careers links & Experiences
Autumn 1	<p>Topic: Fractions, decimals and percentages review</p> <ul style="list-style-type: none"> Converting between fractions, decimals and percentages U888 Ordering fractions, decimals and percentages U594 Finding fractions of amounts without a calculator U881 Finding fractions of amounts with a calculator U916 Finding percentages of amounts without a calculator U554 Finding percentages of amounts with a calculator U349 <p>Percentage change</p> <ul style="list-style-type: none"> Percentage change without a calculator U773 Percentage change with a calculator U671 Finding original values in percentage calculations U286 Finding the percentage an amount has been changed by U278 Simple interest calculations U533 <p>Theoretical and experimental probability</p> <ul style="list-style-type: none"> Expected results from repeated experiments U166 Calculating experimental probabilities U580 	<p>Previous topics built on in this topic:</p> <ul style="list-style-type: none"> Finding equivalent fractions U704 Ordering fractions U746 Multiplying fractions U475 <ul style="list-style-type: none"> Finding percentages of amounts without a calculator U554 Finding percentages of amounts with a calculator U349 <ul style="list-style-type: none"> Writing probabilities as fractions, decimals and percentages U510 	<p>End of Autumn Term Sparx assessment (topics from August – December)</p> <p>Sparx Maths Curriculum - View the Curriculum</p>	<p>Resource - AMSP</p> <p>WHY MATHS - Where can maths take you?</p> <p>Climate Change: Using Maths in Antarctica - Maths Careers</p> <p>How the Tiger Got Its Stripes - Maths Careers</p>

	<p>Frequency trees U280</p> <p>Calculations with standard form Multiplying and dividing numbers in standard form U264 Adding and subtracting numbers in standard form U290 Standard form with a calculator U161</p> <p>Linear inequalities Solving inequalities with the unknown on both sides U738 Solving double inequalities U145 Constructing and solving inequalities U337</p> <p>Factorising and solving quadratic equations Factorising quadratic equations of the form x^2+bx+c U178 Factorising the difference of two squares U963 Factorising to solve quadratic equations of the form $x^2+bx+c=0$ U228</p> <p>Rearranging formulae Changing the subjects of formulae with one step U675 Changing the subjects of formulae with two or more steps U181</p> <p>Constructing bisectors and perpendicular lines Constructing bisectors of angles U787 Constructing perpendicular bisectors and lines U245</p> <p>Circles and cylinders Finding the arc length of sectors U221 Finding the area of sectors U373 Finding the surface area of cylinders U464 Finding the volume of cylinders U915</p>	<p>Probabilities of mutually exclusive events U683</p> <p>Finding fractions of amounts U881, U916</p> <p>Finding percentages of amounts U554, U349</p> <p>Using standard form with positive indices U330</p> <p>Using standard form with negative indices U534</p> <p>Index rules with positive indices U235</p> <p>Index rules with negative indices U694</p> <p>Using a calculator U926</p> <p>Reading and drawing inequalities on number lines U509</p> <p>Solving single inequalities U759</p> <p>Expanding double brackets U768</p> <p>Factorising into one bracket U365</p> <p>Solving equations with two or more steps U325</p> <p>Solving equations with the variable on both sides U870</p> <p>Solving equations with the variable in the denominator U505</p> <p>Using a ruler M985</p> <p>Using a pair of compasses M196</p> <p>Identifying parts of circles U767</p> <p>Finding the circumference of circles U604</p> <p>Finding the area of circles U950</p> <p>Finding the surface area of prisms U259</p> <p>Finding the volume of prisms U174</p> <p>Using a calculator U926</p>		
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<p>Spring 1</p>	<p>Topic: Error intervals Finding error intervals U657 Truncating decimals U108 Finding error intervals for truncated numbers U301</p> <p>Representations of 3D shapes Plans and elevations U743</p> <p>Pythagoras' theorem in 2D Using Pythagoras' theorem in 2D U385 Applying Pythagoras' theorem in 2D U828</p> <p>Ratio Writing and simplifying ratios U687 Sharing amounts in a given ratio U577</p> <p>Proportion word problems Solving direct proportion word problems U721 Solving inverse proportion word problems U357 Currency conversion U610</p> <p>Plotting graphs and finding equations Plotting straight line graphs U741 Finding equations of straight line graphs U315 Interpreting equations of straight line graphs U669</p> <p>Speed and rates Calculating with speed U151 Calculating with rates U256</p> <p>Distance-time graphs Plotting distance-time graphs U403 Interpreting distance-time graphs U914 Calculating speed from distance-time graphs U462 Plotting distance-time graphs using speeds U966</p>	<p>Previous topics built on in this topic:</p> <p>Rounding integers U480 Rounding decimals U298 Rounding integers using significant figures U731 Rounding decimals using significant figures U965</p> <p>Properties of 3D shapes U719 Calculating with roots and powers U851 Solving equations with two or more steps U325</p> <p>Finding the highest common factor U529</p> <p>Using a calculator U926</p> <p>Reading and plotting coordinates U789 Plotting horizontal, vertical and diagonal lines M797 Plotting straight line graphs M932 Substituting into formulae U585, U144 Solving equations with two or more steps U325, U505</p> <p>Changing the subjects of formulae with two or more steps U181 Reading, converting and calculating with time U902 Converting units of length, mass and capacity U388 Calculating with speed U151 Finding equations of straight line graphs U315</p>	<p>31.03.2025 End of Spring Term Sparx assessment (topics from January – March)</p> <p>Sparx Maths Curriculum - View the Curriculum</p>	<p>Where maths meets... the world of work! - AMSP</p> <p>Mountain Navigation Using Scale, Coordinates and Bearings - Maths Careers</p> <p>What can Maths do for me? - Maths Careers</p>
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<p>Summer 1</p>	<p>Topic: Plotting and interpreting quadratic graphs Plotting graphs of quadratic functions U989 Interpreting graphs of quadratic functions U667 Solving quadratic equations graphically U601</p> <p>Angles Combining angle facts U655 Angles on parallel lines U826 Using quadrilateral properties to find angles U329 Angles in polygons U427</p> <p>Bearings Measuring and drawing bearings U525 Calculating bearings U107</p> <p>Transforming shapes Translation U196 Reflection U799 Rotation U696 Enlargement by a positive scale factor U519 Mixed transformations M881</p> <p>Similarity Understanding similarity U551 Finding unknown sides in similar shapes U578</p> <p>Congruence Understanding congruence U790 Congruent triangles U866 Constructing triangles U187</p> <p>Collecting and presenting data Types of data U322 Presenting data and making conclusions U571 Comparing populations using diagrams U520 Choosing suitable averages and solving problems U717</p> <p>Scatter graphs Plotting scatter graphs U199 Interpreting scatter graphs U277</p>	<p>Previous topics built on in this topic: Substituting into algebraic formula U585 Plotting straight line graphs U741</p> <p>Angles on a line and about a point U390 Vertically opposite angles U730 Angles in triangles U628 Angles in quadrilaterals U732 Line and shape properties U121 Understanding, measuring and drawing angles U447 Combining angle facts U655 Angles on parallel lines U826 Translation M139 Reflection M290</p> <p>Solving direct proportion word problems U721</p> <p>Averages and range U526, U456, U260, U291 Interpreting graphs and charts U557, U193, U172, U909</p> <p>Reading and plotting coordinates U789 Finding equations of straight line graphs U315</p>	<p>June Assement</p> <p>Scaled GCSE paper</p>	<p>Home - Maths Careers</p> <p>10 Jobs That Use Pi - Maths Careers</p> <p>Navigation by numbers - Maths Careers</p>
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BBG Academy Curriculum 2025-2026 – Mathematics

	Using lines of best fit U128			
	Grouped data			
	Interpreting frequency tables with grouped data U312	Interpreting frequency tables and two-way tables U981		
	Finding averages from grouped data U877	Finding averages from frequency tables U569		
	Drawing and interpreting frequency polygons U840	Solving geometric problems using vectors U781		
	Column vectors			
	Understanding column vectors U632			
	Adding and subtracting column vectors U903			
	Multiplying column vectors by a scalar U564			
	Identifying parallel vectors U660			