



Subject/Course:	GCSE Maths FOUNDATION (Edexcel)
Student Name:	GCSE Year 11 students

Week 1: Monday 2 February – Friday 6 February 2026

Focus: Number Basics

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Place Value and Rounding	Understand place value; round numbers to the nearest 10, 100, or decimal places.	Corbett Maths , SPARX Maths	Always underline the digit being rounded to avoid mistakes.
Tues	Fractions	Add, subtract, multiply, and divide fractions.	BBC Bitesize - Fractions , Maths Genie	Simplify fractions where possible; use diagrams to visualize.
Wed	Basic Percentages	Calculate percentages of amounts and percentage changes.	Corbett Maths , SPARX Maths	Use percentage multipliers for efficiency.
Thurs	Substitution into Formulae	Substitute values into simple formulae.	Maths Genie - Algebra , BBC Bitesize	Write out steps clearly to avoid errors.
Fri	Quiz and Recap	Mixed questions on number basics.	Corbett Maths - 5-a-Day , Kahoot	Review errors from the quiz and add them to your notes.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Understand place value and rounding			
Add, subtract, multiply, and divide fractions			
Calculate percentages of amounts and percentage changes			
Substitute values into formulae			
Review quiz results and identify weaker areas			

Week 2: Monday 9 February – Friday 13 February 2026

Focus: Shape and Basic Geometry

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Properties of Shapes	Identify and describe properties of 2D and 3D shapes.	Maths Made Easy , Corbett Maths	Use diagrams to check angles and dimensions.
Tues	Angles	Measure and calculate angles on a straight line and around a point.	Corbett Maths , BBC Bitesize	Use a protractor accurately.
Wed	Symmetry	Identify lines of symmetry and rotational symmetry.	SPARX Maths , Maths Genie	Fold paper or use mirrors to visualize symmetry.
Thurs	Area and Perimeter	Find the area and perimeter of rectangles and triangles.	Maths Genie - Geometry , SPARX Maths	Use formulas and check units.
Fri	Quiz and Recap	Mixed questions on shapes and geometry.	Corbett Maths - 5-a-Day , Kahoot	Reflect on errors and revisit challenging topics.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Identify and describe properties of shapes			
Measure and calculate angles accurately			
Identify lines of symmetry and rotational symmetry			
Find the area and perimeter of rectangles and triangles			
Review quiz results and revisit weaker areas			

Week 3: Monday 16 February – Friday 20 February 2026

Focus: Basic Algebra

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Simplifying Expressions	Simplify algebraic expressions by collecting like terms.	Corbett Maths , BBC Bitesize	Work systematically to avoid missing terms.
Tues	Solving Simple Equations	Solve basic linear equations.	SPARX Maths , Maths Genie	Check solutions by substituting values back.
Wed	Expanding Brackets	Expand and simplify expressions with single brackets.	Maths Genie , Corbett Maths	Write all intermediate steps to avoid small errors.
Thurs	Substituting into Formulae	Substitute numbers into more complex formulae.	BBC Bitesize , SPARX Maths	Double-check substitution for accuracy.
Fri	Quiz and Recap	Mixed algebra questions.	Kahoot , Corbett Maths - 5-a-Day	Reflect on errors and target weak areas.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Simplify algebraic expressions			
Solve basic linear equations			
Expand expressions with brackets			
Substitute into complex formulae			
Review quiz results and weaker areas			

Week 4: Monday 23 February – Friday 27 February 2026

Focus: Fractions, Decimals, and Percentages

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Converting Fractions, Decimals, and Percentages	Convert between fractions, decimals, and percentages.	Corbett Maths , SPARX Maths	Use practice questions to improve fluency.
Tues	Adding/Subtracting Fractions	Add and subtract fractions with different denominators.	BBC Bitesize , Maths Genie	Find the common denominator before adding/subtracting.
Wed	Multiplying/Dividing Fractions	Multiply and divide fractions and simplify answers.	SPARX Maths , Corbett Maths	Simplify before multiplying for smaller numbers.
Thurs	Percentage Increase/Decrease	Solve problems involving percentage change.	Maths Genie , BBC Bitesize	Use the percentage multiplier method for efficiency.
Fri	Quiz and Recap	Mixed questions on fractions and percentages.	Kahoot , Corbett Maths - 5-a-Day	Identify and address recurring mistakes.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Convert between fractions, decimals, and percentages			
Add and subtract fractions			
Multiply and divide fractions			
Solve percentage increase/decrease problems			
Review quiz results and weaker areas			

Week 5: Monday 2 March – Friday 6 March 2026

Focus: Shape and Geometry

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Perimeter and Area of Shapes	Calculate perimeter and area of compound shapes.	Maths Genie , Corbett Maths	Break complex shapes into simpler ones for easier calculation.
Tues	Properties of 3D Shapes	Identify faces, edges, and vertices of 3D shapes.	BBC Bitesize - Geometry , SPARX Maths	Use diagrams and models to visualize shapes.
Wed	Angles in Triangles	Recognize and calculate angles in triangles.	Corbett Maths , Maths Genie	Remember that the sum of angles in a triangle is 180° .
Thurs	Symmetry and Transformations	Identify lines of symmetry and perform basic transformations.	SPARX Maths , BBC Bitesize	Use tracing paper for accurate transformations.
Fri	Quiz and Recap	Mixed questions on shape and geometry.	Corbett Maths - 5-a-Day , Kahoot	Review errors from the quiz and revisit weak areas.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Calculate perimeter and area of compound shapes			
Identify properties of 3D shapes			
Solve angles in triangles problems			
Perform symmetry and transformations			
Review quiz results and weaker areas			

Week 6: Monday 9 March – Friday 13 March 2026

Focus: Probability and Statistics

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Basics of Probability	Calculate simple probabilities of events.	Corbett Maths - Probability , SPARX Maths	Use the formula: Probability = (Favourable Outcomes) ÷ (Total Outcomes).
Tues	Interpreting Data	Read and interpret bar charts, pie charts, and tables.	BBC Bitesize - Data , Maths Genie	Double-check labels and scales on charts.
Wed	Drawing Charts	Create accurate bar charts and pie charts.	Maths Made Easy , SPARX Maths	Use protractors and rulers for precise charts.
Thurs	Mean, Median, and Mode	Calculate averages and range from data sets.	Corbett Maths , BBC Bitesize	Organize data in ascending order before calculating.
Fri	Quiz and Recap	Mixed questions on probability and statistics.	Kahoot , Corbett Maths - 5-a-Day	Focus on visualization errors and data handling.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Calculate probabilities of simple events			
Read and interpret bar charts, pie charts, and tables			
Create accurate bar charts and pie charts			
Calculate averages and range			
Review quiz results and weaker areas			

Week 7: Monday 16 March – Friday 20 March 2026

Focus: Basic Algebra and Ratios

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Simplifying Expressions	Simplify algebraic expressions by combining like terms.	Corbett Maths , SPARX Maths	Work systematically to avoid errors.
Tues	Expanding Single Brackets	Expand and simplify expressions involving brackets.	Maths Genie , BBC Bitesize - Algebra	Write all steps for clarity and avoid small mistakes.
Wed	Ratios	Solve ratio problems in context.	SPARX Maths , Maths Genie	Write ratios clearly and consistently.
Thurs	Proportionality	Solve problems involving direct proportion.	BBC Bitesize - Proportionality , SPARX Maths	Use tables or charts to organize proportional relationships.
Fri	Quiz and Recap	Mixed questions on algebra and ratios.	Corbett Maths - 5-a-Day , Kahoot	Reflect on skipped steps and errors.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Simplify algebraic expressions			
Expand and simplify expressions			
Solve ratio problems in context			
Solve direct proportion problems			
Review quiz results and weaker areas			

Week 8: Monday 23 March – Friday 27 March 2026

Focus: Graphs

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Coordinates and Straight-Line Graphs	Plot and interpret straight-line graphs.	Corbett Maths , Maths Genie	Use a table of values for accuracy when plotting.
Tues	Distance-Time Graphs	Draw and interpret distance-time graphs.	BBC Bitesize - Graphs , SPARX Maths	Identify flat sections as rest periods.
Wed	Real-Life Graphs	Analyse graphs in real-world contexts.	Maths Made Easy , SPARX Maths	Highlight key points like intersections or steepness.
Thurs	Gradient and Intercept	Find the gradient and intercept of a line graph.	Corbett Maths , Maths Genie	Label key points on the graph before solving.
Fri	Quiz and Recap	Mixed questions on graphs.	Corbett Maths - 5-a-Day , Kahoot	Review recurring errors and revisit methods.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Plot and interpret straight-line graphs			
Draw and interpret distance-time graphs			
Analyse real-world graphs			
Calculate gradient and intercept			
Review quiz results and weaker areas			

Week 9: Monday 30 March – Friday 3 April 2026

Focus: Advanced Algebra Basics

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Solving Two-Step Equations	Solve equations involving two steps (e.g. $2x+3 = 9$).	Corbett Maths - Equations , SPARX Maths	Work step-by-step and double-check by substituting back.
Tues	Expanding and simplifying	Expand and simplify expressions with multiple brackets.	Maths Genie , BBC Bitesize - Algebra	Write intermediate steps clearly to avoid small errors.
Wed	Factorizing Quadratics	Factorize simple quadratic expressions.	Maths Genie - Quadratics, SPARX Maths	Identify factor pairs systematically.
Thurs	Inequalities	Solve and represent inequalities on a number line.	BBC Bitesize - Inequalities , Corbett Maths	Double-check the inequality direction when multiplying/dividing by negatives.
Fri	Quiz and Recap	Mixed algebra questions.	Corbett Maths - 5-a-Day , Kahoot	Reflect on skipped steps and errors in logical reasoning.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Solve two-step equations			
Expand and simplify expressions			
Factorize quadratic expressions			
Solve and represent inequalities			
Review quiz results and weaker areas			

Week 10: Monday 6 April– Friday 10 April 2026

Focus: Proportions and Ratios

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Direct Proportion	Solve problems involving direct proportion.	Corbett Maths - Proportion , SPARX Maths	Set up proportion tables to organize calculations.
Tues	Inverse Proportion	Solve problems involving inverse proportion.	Maths Genie - Proportion , BBC Bitesize - Proportionality	Remember the formula: $xy = k$.
Wed	Compound Units	Solve problems with speed, density, and pressure.	BBC Bitesize - Units , Corbett Maths	Write formulas clearly before substituting values.
Thurs	Ratio Applications	Apply ratios to solve real-world problems (e.g., recipes).	SPARX Maths , Maths Made Easy	Simplify ratios for clarity and consistency.
Fri	Quiz and Recap	Mixed questions on proportions and ratios.	Corbett Maths - 5-a-Day , Kahoot	Reflect on visualization errors and revisit steps.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Solve problems on direct proportion			
Solve problems on inverse proportion			
Solve problems on speed, density, and pressure			
Apply ratios to real-world problems			
Review quiz results and weaker areas			

Week 11: Monday 13 April – Friday 17 April 2026

Focus: Geometry and Measurement

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Perimeter and Area of Circles	Calculate the perimeter (circumference) and area of circles.	Corbett Maths - Circles , SPARX Maths	Use πr^2 for area and $2\pi r/\pi d$ for circumference.
Tues	Volume and Surface Area	Calculate the volume and surface area of prisms and cylinders.	Maths Genie - Geometry , BBC Bitesize - Geometry	Break shapes into smaller parts for easier calculation.
Wed	Pythagoras' Theorem	Use Pythagoras' theorem to solve right-angled triangle problems.	BBC Bitesize - Pythagoras , Corbett Maths	Draw and label diagrams before applying the formula.
Thurs	Scale Drawings	Solve problems using scale factors and maps.	Maths Made Easy , SPARX Maths	Double-check scales for accuracy in interpretation.
Fri	Quiz and Recap	Mixed geometry and measurement questions.	Corbett Maths - 5-a-Day , Kahoot	Focus on common mistakes and practice diagrams.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Calculate circumference and area of circles			
Solve problems on volume and surface area			
Apply Pythagoras' theorem			
Solve problems using scale drawings			
Review quiz results and weaker areas			

Week 12: Monday 20 April– Friday 24 April 2026

Focus: Probability and Statistics

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Combined Probability	Calculate probabilities for combined events (e.g., tree diagrams).	Corbett Maths - Probability , BBC Bitesize - Probability	Label branches carefully to avoid confusion.
Tues	Venn Diagrams	Solve probability problems using Venn diagrams.	Maths Genie - Probability , SPARX Maths	Ensure all regions of the diagram are labelled correctly.
Wed	Data Representation	Interpret and construct bar charts and pie charts.	BBC Bitesize - Data , Corbett Maths	Use rulers and protractors for accuracy.
Thurs	Averages and Range	Calculate averages and compare data sets using range.	SPARX Maths , Maths Made Easy	Organize data clearly before calculating.
Fri	Quiz and Recap	Mixed questions on probability and statistics.	Kahoot , Corbett Maths - 5-a-Day	Reflect on recurring errors and address them.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Solve combined probability problems			
Solve problems using Venn diagrams			
Interpret and construct bar/pie charts			
Calculate averages and range			
Review quiz results and weaker areas			

Week 13: Monday 27 April – Friday 1 May 2026

Focus: Advanced Geometry

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Circle Theorems	Learn key circle theorems and apply them to angle problems.	Corbett Maths - Circle Theorems , Maths Genie	Write down the theorem you're using for clarity.
Tues	Angles in Polygons	Calculate interior and exterior angles of polygons.	BBC Bitesize - Polygons , SPARX Maths	Use $(n-2) \times 180$ for interior angles.
Wed	Transformations	Perform and describe transformations (translations, rotations, reflections).	Maths Made Easy , SPARX Maths	Use graph paper to ensure accuracy.
Thurs	Scale Factors and Enlargement	Solve problems involving enlargements with positive and negative scale factors.	Corbett Maths , Maths Genie	Mark the centre of enlargement clearly.
Fri	Quiz and Recap	Mixed geometry questions.	Corbett Maths - 5-a-Day , Kahoot	Focus on geometry areas that require more practice.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Understand and apply circle theorems			
Calculate angles in polygons			
Perform and describe transformations			
Solve problems with scale factors and enlargement			
Review quiz results and weaker areas			

Week 14: Monday 4 May– Friday 8 May 2026

Focus: Graphs and Gradients

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Plotting Linear Graphs	Plot and interpret linear graphs.	Corbett Maths - Graphs , SPARX Maths	Use a table of values for accuracy when plotting.
Tues	Gradients and Intercepts	Calculate the gradient and y-intercept of lines.	Maths Genie , BBC Bitesize - Graphs	Highlight two key points for gradient calculation.
Wed	Quadratic Graphs	Sketch quadratic graphs and find roots and turning points.	Corbett Maths - Quadratics , SPARX Maths	Plot a few key points for clarity.
Thurs	Distance-Time Graphs	Analyse distance-time and velocity-time graphs.	BBC Bitesize - Graphs , Maths Made Easy	Focus on key features like flat sections (rest periods).
Fri	Quiz and Recap	Mixed graph-related questions.	Corbett Maths - 5-a-Day , Kahoot	Reflect on errors and revisit graph plotting steps.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Plot and interpret linear graphs			
Calculate gradients and intercepts			
Sketch quadratic graphs			
Analyse distance-time graphs			
Review quiz results and weaker areas			

Week 15: Monday 11 May – Thursday 14 May 2026

Focus: Exam Practice and Review

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Practice Paper 1	Complete a timed practice paper covering algebra and graphs.	OnMaths Predicted Papers , Edexcel Past Papers	Allocate time wisely and attempt all questions.
Tues	Error Analysis	Review errors from Practice Paper 1 and focus on weak areas.	Corbett Maths - Error Analysis , SPARX Maths	Create an error log and categorize mistakes.
Wed	Geometry Review	Focus on circle theorems, transformations, and polygons.	Maths Genie - Geometry , BBC Bitesize - Geometry	Sketch diagrams for clarity and check units.
Thurs	Algebra Review	Revisit key algebra topics like quadratics and simultaneous equations.	Corbett Maths , SPARX Maths	Show all workings to gain full marks in exams.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Complete and review Practice Paper 1			
Revise weak areas from errors			
Review circle theorems and transformations			
Practice algebra topics			

Week 16: Monday 18 May – Friday 22 May 2026

Focus: General Review and Advanced Topics

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Advanced Trigonometry	Solve problems using sine/cosine rules and calculate areas of triangles.	Corbett Maths - Trigonometry , Maths Genie	Label sides and angles clearly before solving.
Tues	Proof and Algebra	Focus on proof-based questions and simultaneous equations.	Maths Genie - Proofs , Corbett Maths	Write logical steps for clarity in solutions.
Wed	Histograms and Data	Revise histograms, box plots, and cumulative frequency diagrams.	BBC Bitesize - Data , SPARX Maths	Highlight medians and interquartile ranges clearly.
Thurs	Real-Life Graphs	Analyse distance-time and velocity-time graph problems.	Corbett Maths , Maths Made Easy	Use gradients for speed and area for distance.
Fri	Quiz and Recap	Mixed advanced topics and data representation.	Kahoot , Corbett Maths - 5-a-Day	Reflect on weaknesses and revisit mistakes.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Revise advanced trigonometry			
Practice proof and algebra problems			
Review histograms and data			
Analyse real-life graphs			
Reflect on quiz results and review			

Week 17: Monday 25 May – Friday 29 May 2026

Focus: Exam 2 Preparation

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Practice Paper 2	Complete a timed practice exam for Paper 2.	OnMaths Predicted Papers , Edexcel Past Papers	Simulate real exam conditions to manage time better.
Tues	Error Analysis	Review mistakes from Practice Paper 2.	Corbett Maths , SPARX Maths	Focus on recurring errors and weak areas.
Wed	Geometry and Transformations	Revisit circle theorems, transformations, and scale factors.	Maths Genie - Geometry , BBC Bitesize	Sketch diagrams to aid understanding.
Thurs	Algebra Review	Focus on quadratics, simultaneous equations, and graphs.	Corbett Maths , SPARX Maths	Practice interpreting graph intersections.
Fri	Mini Mock Exam	Complete a mini mock exam for Paper 2 topics.	OnMaths Predicted Papers , Maths Genie	Double-check solutions to maximize scores.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Complete and review Paper 2 mock			
Address weak areas from error log			
Revise geometry and transformations			
Practice advanced algebra problems			
Complete mini mock for Paper 2			

Week 18: Monday 1 June – Tuesday 2 June 2026

Focus: Final Prep for Paper 2 and Overall Review

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Mon	Timed Practice Paper 2	Complete a final timed Paper 2 practice.	OnMaths Predicted Papers , Edexcel Past Papers	Focus on high-priority areas from earlier feedback.
Tues	Geometry and Algebra Review	Target mixed geometry and algebra problems.	Maths Genie , Corbett Maths	Use worked examples for challenging problems.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Complete final Paper 2 practice			
Revisit geometry and algebra topics			

Week 18 and 19 : Thursday 4 June – Tuesday 9 June 2026

Focus: Exam 3 Preparation

Day	Topic	Key Knowledge/Skills/Questions	Resources/Activities/Links	Tips for Success
Thurs/Fri	Proof and Functions Review	Revise algebraic proofs and composite functions.	Corbett Maths - Proofs , Maths Genie - Functions	Solve step-by-step to avoid errors.
Mon/Tues	Timed Practice Paper 3	Complete another timed practice for Paper 3 topics.	OnMaths Predicted Papers , Edexcel Past Papers	Focus on improving weak areas from earlier attempts.

Weekly Checklist

Task/Topic	Confidence Level (Low/Medium/High)	Completed (✓)	Notes for Revision
Complete and review Paper 3 mock			
Revise advanced probability topics			
Practice data analysis and charts			
Review proofs and functions			
Complete final timed Paper 3 prep			