

## Table of Edexcel GCSE Maths Resources

Resource Name	Description	Website Link
<b>Physics and Maths Tutor</b>	Offers past papers, model answers, and topic-based worksheets across the Edexcel syllabus.	<a href="#">Physics and Maths Tutor</a>
<b>Hannah Kettle Maths</b>	Full past papers and half papers to break up full papers. QR code available for a guided walk through of each question. Each paper has sparx codes included to guide independent revision.	<a href="#">hannahkettlemaths</a>
<b>Dr Frost Maths</b>	Contains over 40,000 questions, with video explanations and interactive features.	<a href="#">Dr Frost Maths</a>
<b>Corbett Maths</b>	Provides "5-a-day" practice questions, video tutorials, and detailed revision cards.	<a href="#">Corbett Maths</a>
<b>Maths Genie</b>	Video tutorials, exam questions, and model answers tailored to Edexcel topics.	<a href="#">Maths Genie</a>
<b>OnMaths</b>	Interactive predicted papers, random revision papers, and mini-mocks for specific skills.	<a href="#">OnMaths</a>
<b>Resourceaholic</b>	Curates worksheets and resources by topic for varied revision.	<a href="#">Resourceaholic</a>
<b>Maths4Everyone</b>	Free topic-based questions and answers, ideal for focused revision.	<a href="#">Maths4Everyone</a>
<b>Access Maths</b>	Includes unique revision mats and activities for varied practice.	<a href="#">Access Maths</a>

## Highest Frequency Topics for Revision in Edexcel GCSE Maths

### *Foundation Tier (Top 10 Topics)*

1. **Number Operations & Decimals** – Arithmetic, decimal operations, rounding.
2. **Fractions, Percentages, and Ratios** – Conversion, calculation, and comparison skills.
3. **Algebra Basics** – Simplifying expressions, substitution, solving linear equations.
4. **Averages and Range** – Mean, median, mode, and calculating range.
5. **Perimeter, Area, and Volume** – Shapes, compound shapes, and prisms.

6. **Probability** – Basic probability, combined events, and frequency.
7. **Pythagoras' Theorem** – Calculations for right-angled triangles.
8. **Graphs** – Plotting linear graphs and interpreting data.
9. **Angles and Shapes** – Angle rules, polygons, and symmetry.
10. **Proportion** – Direct and inverse proportion, scaling, and sharing.

### ***Higher Tier (Top 10 Topics)***

1. **Algebraic Manipulation** – Quadratics, factorizing, expanding, and simplifying complex expressions.
2. **Simultaneous Equations and Inequalities** – Solving systems of equations, linear and quadratic inequalities.
3. **Trigonometry** – Sine, cosine, tangent, and applications.
4. **Advanced Graphs** – Graph transformations, quadratic and cubic graphs.
5. **Circle Theorems** – Key theorems and angle properties in circles.
6. **Vectors** – Vector notation, addition, and scalar multiplication.
7. **Probability** – Conditional probability, tree diagrams, and complex probability calculations.
8. **Sequences** – Recognizing and forming arithmetic and geometric sequences.
9. **Proportion Problems** – Direct, inverse, and compound proportions in contexts.
10. **Surds and Indices** – Simplifying surds and working with fractional and negative indices.

These topics have high examination frequency and reflect core areas that appear across various question types