

# Subject: Maths (Foundation)

Exam board: AQA

## You need to know:

Number- Four operations, Rounding, Estimating, Powers and Roots, Factors, Multiples and Primes, Fractions, Decimals and Percentages, Negative Numbers, BIDMAS, Standard Form

Algebra- Simplifying, Collecting like terms, Substitution, Forming and Solving Equations, Drawing Graphs, Equations of a Line, Inequalities, Sequences, Algebraic Manipulation, Quadratics, Simultaneous Equations

Ratio, proportion and rates of change- Fractions of an amount, Ratio, Proportion, Percentages, Exchange Rates, Best Buy Questions, Speed and Density

Geometry and Measures- Angles, Perimeter, Area, Surface Area, Volume, Circles, Transformations, Compound Shapes, Pythagoras, Loci and Construction, Bearings, Similar Shapes, Trigonometry, Congruency

Probability- Probability, Two Way Tables, Venn diagrams

Statistics- Averages, Range, Frequency Polygons, Stem and Leaf, Pie Charts, Scatter Graphs

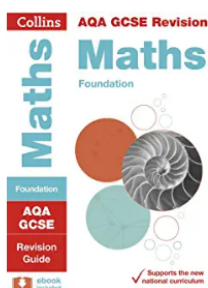
## How to revise KNOWLEDGE in this subject:

The best way to revise maths is to DO lots of maths; access the Corbett maths website, clicking on the tab named videos and worksheets. This should bring up a contents page of topics, students should pick a topic, watch the video explaining the content, then attempt the practice questions linked to the video. These practice questions are exam style questions and each topic has worked answers found within the contents list too.

## Key websites:

GCSE POD, Corbett Maths

## Revision Guide:



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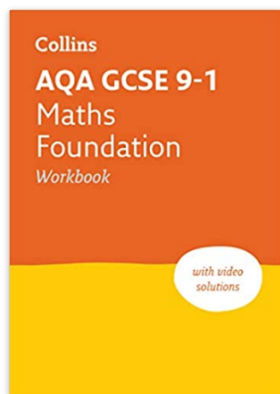
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## Revision workbook:



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Exam Board: AQA  
Level: GCSE 9-1 Foundation  
Subject: Maths  
Suitable for the 2022 exams

For 2022 only, a formulae sheet will be provided in the exam. This means that students will be able to demonstrate their mathematical understanding without having to memorise formulae.

To help students focus their exam preparation, there will be advance information on what exams will cover.

This advance information will be available by 7 February 2022, or sooner if the pandemic worsens.