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| Maths Revision List Summer 2025 for Foundation  |
| Exam information: **Exam Board AQA 8300****https:**[**//www.aqa.org.uk/subjects/mathematics/gcse/mathematics-8300/specification-at-a-glance**](http://www.aqa.org.uk/subjects/mathematics/gcse/mathematics-8300/specification-at-a-glance) **There are two 90-minute papers.** **Paper 1 is the Non-Calculator Paper and Paper 2 is the Calculator Paper.** **You will need all mathematical equipment.** |
| Topic | Revised? |
| Adding, subtracting, multiplying and dividing, including with negatives, decimals and integers |  |
| Area of compound shapes  |  |
| Calculate experimental probabilities  |  |
| Calculating the mean  |  |
| Calculating with roots and powers  |  |
| Choosing suitable averages and solving problems  |  |
| Constructing fractions  |  |
| Converting between fractions, decimals and percentages  |  |
| Converting units of length, mass and capacity  |  |
| Drawing and interpreting pictograms  |  |
| Expected results from repeated experiments  |  |
| Finding areas using grids  |  |
| Finding fractions of amounts including shading on a grid  |  |
| Finding percentages of amounts  |  |
| Finding perimeter and area of 2D Shapes |  |
| Finding the percentage using a grid.  |  |
| Parts of a circle  |  |
| Percentage (reverse) with a calculator  |  |
| Position-to-term rules for arithmetic sequences (also known as finding nth term)  |  |
| Probability Trees  |  |
| Rates of change  |  |
| Reading, drawing inequalities on number lines and solving inequalities  |  |
| Reading and plotting coordinates  |  |
| Rearrange formula  |  |
| Share amounts into a given ratio  |  |
| Simplifying expressions by collecting like terms  |  |
| Simplifying fractions  |  |
| Solving direct proportion word problems  |  |
| Solving equations with two or more steps  |  |
| Substituting into algebraic formula  |  |
| Surface area of a cone  |  |
| Time series graph  |  |
| Transformations  |  |
| Trigonometry  |  |
| Understanding congruence and similarity  |  |
| Understanding, measuring and drawing angles  |  |
| Using algebraic notation |  |
| Vector Arithmetic  |  |
| Writing and simplifying ratio |  |

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| Revision Links |
| **Websites**Sparx Maths Independent Learning – https://[www.sparxmaths.uk](http://www.sparxmaths.uk/) Corbett Maths – https://corbettmaths.com/ Seneca Learning - https://senecalearning.com/en-GB/ BBC Bitesize Learning - https://[www.bbc.co.uk/bitesize/examspecs/z8sg6fr](http://www.bbc.co.uk/bitesize/examspecs/z8sg6fr) Third Space Learning - https://thirdspacelearning.com/secondary-resources/ **Recommended Revision Guides**Collins GCSE AQA revision guides and Corbett Maths revision cards – Available on Wisepay **Recommended Calculators**Casio fx-83 CW, fx-85 CW, Casio Classwiz EX-991 CW (recommended if continuing onto A-Level Mathematics) – underlined models available on Wisepay **Maths Sets:**We have Maths Sets available on Wisepay and are priced at £2, these come in an exam-friendly transparent pencil case. |