

**Maths – Spring Term
Independent Work Booklet
Foundation & Crossover**

These topics have been chosen because they appear virtually every year on GCSE papers. You should aim to revise two topics each week throughout January and February.

Ignore the writing saying ‘Grade 3’ etc at the bottom of the sheets. This refers to if there was no problem-solving required.

Make sure you check your answers using the links to solutions. An electronic copy of this booklet can be found here:
[www.mathsprism.com/useful-stuff](http://www.mathsprism.com/useful-stuff)

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| --- | --- | --- | --- | --- |
| Topic | Link to questions | Link to solutions | Date started | Done? |
| Angles | [Questions](https://www.mathsgenie.co.uk/resources/2-angles-ws.pdf) | [Solutions](https://www.mathsgenie.co.uk/resources/2-anglesans.pdf) |  |  |
| Area & Perimeter | [Questions](https://www.mathsgenie.co.uk/resources/2-area-and-perimeter-ws.pdf) | [Solutions](https://www.mathsgenie.co.uk/resources/2-area-and-perimeterans.pdf) |  |  |
| Fractions, Decimals & Percentages | [Questions](https://www.mathsgenie.co.uk/resources/2-fractions-decimals-and-percentages-ws.pdf) | [Solutions](https://www.mathsgenie.co.uk/resources/2-fractions-decimals-and-percentagesans.pdf) |  |  |
| Estimation | [Questions](https://www.mathsgenie.co.uk/resources/3-estimation-ws.pdf) | [Solutions](https://www.mathsgenie.co.uk/resources/3-estimationans.pdf) |  |  |
| Simplifying Algebra | [Questions](https://www.mathsgenie.co.uk/resources/2-simplifying-algebra-ws.pdf) | [Solutions](https://www.mathsgenie.co.uk/resources/2-simplifying-algebraans.pdf) |  |  |
| Circles | [Questions](https://www.mathsgenie.co.uk/resources/3-circles-area-and-circumference-ws.pdf) | [Solutions](https://www.mathsgenie.co.uk/resources/3-circles-area-and-circumferenceans.pdf) |  |  |
| Percentages | [Questions](https://www.mathsgenie.co.uk/resources/3-percentages-ws.pdf) | [Solutions](https://www.mathsgenie.co.uk/resources/3-percentagesans.pdf) |  |  |
| Sharing in a ratio | [Questions](https://www.mathsgenie.co.uk/resources/3-sharing-ratio-ws.pdf) | [Solutions](https://www.mathsgenie.co.uk/resources/3-sharing-ratioans.pdf) |  |  |
| Angles in parallel lines | [Questions](https://www.mathsgenie.co.uk/resources/4-angles-in-parallel-lines-ws.pdf) | [Solutions](https://www.mathsgenie.co.uk/resources/4-angles-in-parallel-linesans.pdf) |  |  |
| Indices | [Questions](https://www.mathsgenie.co.uk/resources/4-indices-ws.pdf) | [Solutions](https://www.mathsgenie.co.uk/resources/4-indicesans.pdf) |  |  |
| SOH CAH TOA | [Questions](https://www.mathsgenie.co.uk/resources/5-SOHCAHTOA-ws.pdf) | [Solutions](https://www.mathsgenie.co.uk/resources/5-SOHCAHTOAans.pdf) |  |  |
| Solving Equations | [Questions](https://www.mathsgenie.co.uk/resources/3-solving-equations-ws.pdf) | [Solutions](https://www.mathsgenie.co.uk/resources/3-solving-equationsans.pdf) |  |  |
| Expanding & factorising | [Questions](https://www.mathsgenie.co.uk/resources/4-expanding-and-factorising-ws.pdf) | [Solutions](https://www.mathsgenie.co.uk/resources/4-expanding-and-factorisingans.pdf) |  |  |
| Simultaneous equations | [Questions](https://www.mathsgenie.co.uk/resources/5-simultaneous-equations-ws.pdf) | [Solutions](https://www.mathsgenie.co.uk/resources/5-simultaneous-equationsans.pdf) |  |  |
| Standard Form | [Questions](https://www.mathsgenie.co.uk/resources/5-standard-form-ws.pdf) | [Solutions](https://www.mathsgenie.co.uk/resources/5-standard-formans.pdf) |  |  |