

Topics that haven't yet made an appearance ... on paper 1 for OCR Summer 2018 GCSE Maths

There is a massive health warning in putting this list together ... just because a topic has appeared on a paper 1 of the OCR Maths GCSE 2018 it could appear in a different format on another paper. There may also be some topics that have been missed off the list (the curriculum is massive!) and the intention is to provide you with something to focus on.

| FOUNDATION TIER | |
|---------------------------------|--|
| Coordinates | Straight line / cubic/ quadratic graphs |
| Expanding quadratics | Inequalities |
| Simplifying expressions | Expanding single brackets |
| Solving equations | Simultaneous equations |
| Angle facts – lines/polygons | Area of circles |
| Exact trig values | Plans and elevations |
| Pythagoras Theorem | Reflections, rotations and translations (F only) |
| Similar shapes | Vectors |
| Combinations (F only) | Venn diagrams (F only) |
| Reverse % | Estimation |
| Probability | Rounding & error intervals |
| Volume | Standard form |
| Compound/Simple Interest | Pie Charts |
| Compound measures | Trigonometry |
| Fraction operations | Order of operations |
| Best value | Recipes – proportion |
| Currency conversion | Indices (F only) |
| Factorising quadratics (F only) | |

| In addition to the above ... HIGHER TIER ONLY | |
|---|---|
| Velocity / Time graphs | Gradient of a curve / area under a curve |
| Turning points | Inequalities & regions |
| 3D Trig/Pythagoras (3D coordinates are not in the spec) | |
| Graphs & equations of circles | Capture-recapture |
| Surds | Further trigonometry |
| Vectors to solve geometric problems | Simultaneous equations (linear & quadratic) |
| Iteration | Histograms |
| Recurring decimals | Upper and lower bounds |
| Quadratic formula | Expanding triple brackets |
| Probability trees | Estimation |
| Surface Area | Similarity & congruence |

There are NO guarantees ...

Mel & Seager!