

**Topics that haven't yet made an appearance ... on paper 1 for AQA 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 AQA 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   |   |
|---|---|
| Factorising expressions   | Reverse mean                                |
| Basic trigonometry  | Percentage increase/decrease/reverse %      |
| Expanding double brackets   | Simple & compound interest & depreciation   |
| Solving / plotting quadratics   | Enlargements                                |
| Translations  | Volume                                      |
| $N$ th term linear sequences  | Probability / trees                         |
| Compound measures   | Rearranging equations                       |
| $Y = mx + c$ (gradient & intercept))  | Scatter graphs                              |
| Averages from a table   | Circles/Arcs & Sectors – area/circumference |
| Angle facts – including straight lines, corresponding angles (F only), alternate angles, interior and exterior angles of polygons |   |
| Straight line graphs  | Surface area                                |
| HCF/LCM   | Simultaneous equations (both linear)        |
| Reciprocals and reciprocal graphs   | Standard form                               |
| Pie Charts  | Similar shapes & Congruence                 |
| Constructions   | Frequency trees                             |
| Forming & solving equations   | Fraction operations                         |
| Product of prime factors  | Rounding & error intervals                  |
| Real life graphs  | Bearings                                    |
| Laws of indices   | Best Value                                  |
| Venn diagrams   | Pythagoras Theorem                          |

| In addition to the above ... HIGHER TIER ONLY           |   |
|---|---|
| Combinations  | Circle theorems                             |
| 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) |   |
| Combinations  | Capture-recapture                           |
| Graphs & equations of circles                           | Algebraic fractions (could be solving)      |
| Surds, specifically rationalising                       | Cosine rule                                 |
| Vectors to solve geometric problems                     | Simultaneous equations (linear & quadratic) |
| Iteration   | Histograms                                  |
| Recurring decimals                                      | Upper and lower bounds                      |
| Quadratic formula                                       | Expanding triple brackets                   |

**There are NO guarantees ...**

Mel & Seager!