

Topics that haven't yet made an appearance ... on paper 1 for AQA Summer 2019 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 2019 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 (JustMathsOnline Clip numbers are shown in the brackets).

THE BASICS – FOUNDATION ONLY	
Time (Hours & minutes)	Division
Order of operations	Metric units (and converting between them)
Simplify expressions	Substitution
Area of a triangle/trapezium/rectangle	Fraction/decimal/percentage conversions
Place value – numbers in size order	Measuring angles/lines
Pictograms	Sample space diagrams

THE CROSSOVER - BOTH HIGHER AND FOUNDATION TIERS	
Two way tables (1)	Frequency Trees (2)
Product of prime factors (4)	Inequalities (5)
Error intervals / rounding (9)	Interest/ Growth Depreciation / Decay (11/12)
Reverse Percentages (13)	Fractions (14/15)
Proportion/Recipes (18)	Index Laws (21)
Expand and factorising (22/24)	Exchange rates (8)
Best value (28)	Pythagoras (39/40)
Time Series (31)	Straight line / Quadratic / Cubic graphs (32/33)
Coordinate geometry (34/35)	Real life graphs (38)
Trigonometry (41/42/43)	Bearings (44)
Angle facts /int/ext angles (46/47)	Pie charts (49)
Probability from a table (50)	Averages from grouped data (28)
Plans and elevations (54)	Constructions (55)
Scatter graphs (30)	Surface area (59/60)
Similarity (61/62) (Foundation only)	Four transformations (63,64,65,66,67)
Vectors (68)	Estimation (70)
Forming and solving equations (73/74)	More ratio i.e. ratio as fractions
Speed / Distance /Time /Compound Measures (36/37)	Use of calculator (3)
Simultaneous equations (73/74)	Venn diagrams (53)

In addition to the above ... HIGHER TIER ONLY	
Surds including rationalising	Algebraic fractions
Iteration	Expanding triple brackets
Quadratic inequalities	Algebraic fractions
Formula for area of a triangle	Gradients of curves/ straight lines
Constructions/Loci	Area under a curve
Pyramids/Cones/Spheres	Sine/Cosine for lengths and angles
Simultaneous equations (quad/linear)	Product rule/Combinations
Expanding triple brackets	Quadratic formula
Direct/inverse proportion	Algebraic proof
Trigonometric graphs	Histograms

There are NO guarantees ... Mel & Seager