

Topics that haven't yet made an appearance ... on paper 1 for OCR 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 OCR 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	
Multiples	Powers / Roots
Order of operations	Solving equations
Simplify expressions	Substitution
Area of a triangle/trapezium/rectangle	Coordinates
Place value – numbers in size order	Measuring angles/lines
Tally charts/pictograms	Sample space diagrams

THE CROSSOVER - BOTH HIGHER AND FOUNDATION TIERS	
Two way tables (1) (Foundation only)	Frequency Trees (2)
Product of prime factors (4)	Inequalities (5)
Error intervals / Truncation (9)	Depreciation / Decay (12)
Reverse Percentages (13)	Fractions (14/15)
Proportion/Recipes (18)	Standard form (19/20)
Expand and factorise double brackets (22/24)	Rearranging equations (25)
Best value (28)	Scatter graphs (30)
Time Series (31)	Quadratic / Cubic / Reciprocal graphs (32/33)
Coordinate geometry (34/35)	Real life graphs (38)
Trigonometry (41/42/43)	Bearings (44)
Angle facts (46)	Pie charts (49)
Probability from a table (50)	Probability tree diagrams (51/52)
Plans and elevations (54)	Constructions (55)
Circles (circumference) 56/57	Surface area and volume (59/60)
Similarity and congruence (61/62)	Enlargements (63)
Vectors (68)	Estimation (70)
Forming and solving equations (73/74)	More ratio i.e. ratio as fractions
Interior/Exterior angles (47)	

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	Recurring decimals
Reciprocal graphs/	Gradients of curves/ straight lines
Circle theorems	Area under a curve
Pyramids/Cones/Spheres	Sine/Cosine for lengths and angles
Simultaneous equations (linear/linear and quad/linear)	Constructions/Loci
Speed and travel graphs	Circle graphs / equation of tangents
Column vector arithmetic	Product rule/Combinations
Expanding triple brackets	Venn diagrams
Quadratics (inc turning points)	Algebraic proof
Trigonometric graphs	

There are NO guarantees ... Mel & Seager