

Topics that haven't yet made an appearance ... on paper 1 or paper 2 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 or paper 2 of the OCR 2019 exams it could appear in a different format on paper 3. 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	Substitution
Order of operations	Solving equations (some have appeared but still worth revising!)
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	
Product of prime factors (4)	Frequency Trees (2)
Error intervals / Truncation (9)	Depreciation / Decay (12)
Standard form (19/20) (Foundation only)	Fractions (14/15) (some have appeared but still worth revising!)
Expand and factorise double brackets (22/24)	Bearings (44)
Best value (28)	Pie charts (49)
Time Series (31)	Quadratic (Foundation only) / Cubic (Foundation only) / Reciprocal graphs (32/33)
Coordinate geometry (34/35)	Constructions (55)
Trigonometry (41/42/43)	Surface area and volume (59/60)
Probability from a table (50)	More ratio i.e. ratio as fractions
Plans and elevations (54)	Vectors (68)
Circles (circumference) 56/57	Forming and solving equations (73/74)
Similarity and congruence (61/62) (foundation only)	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
Pyramids/Cones/Spheres	Gradients of curves/ straight lines
Simultaneous equations (linear/linear and quad/linear)	Area under a curve
Speed and travel graphs	Sine/Cosine for lengths and angles
Column vector arithmetic	Constructions/Loci
Expanding triple brackets	Circle graphs / equation of tangents
Algebraic proof	Product rule/Combinations
Trigonometric graphs	

There are NO guarantees ... Mel & Seager