GCSE Mathematics: FOUNDATION REVISION LIST

Topic List	Hegarty Maths Clip Numbers	😎	😁	😭
Number				
Using place value	n/a			
Decimal multiplication and division	48, 49, 50			
Add, subtract, multiply and divide fractions	66, 68, 69, 70			
Significant figures and estimation	130, 131			
Standard form	122, 123, 128			
Prime factor decomposition, HCF and LCM	30, 32, 35, 36			
Fractions of an amount (non-calculator)	62, 67, 80			
Percentages of an amount	84, 85, 86, 87			
Percentage increase and decrease	88, 89, 90, 97			
Compound interest and depreciation	94, 95			
Reverse percentages	96			
Value for money (best buy)	n/a			
Ratio and Proportion	332, 333, 334,339			
Algebra				
Collecting like terms	156, 157, 158, 159			
Simplifying using the index laws	172, 174, 175			
Expand and simplify expressions with brackets	160, 161, 162, 163			
Factorisation	168, 169			
Sequences: finding the nth term rule	198			
Substitution	155, 278, 279			
Trial and improvement	321			
Forming and solving equations	179, 180, 184, 185			
Represent inequalities on a number line; Solving linear inequalities	265, 266, 267			
Simultaneous linear equations	190, 191, 192, 193			
Drawing straight line graphs; Finding the equation of a straight line	205, 206, 207, 208			
Drawing quadratic graphs	251			
Real life graphs	n/a			
Solving quadratic equations by factorising	223, 224, 225, 230			
Difference of two squares	165			
Geometry & Measures				
Compound area	554, 555			
Area of triangles, parallelograms and trapezia	556,557 558, 559			
Area of a circle	534, 535, 536, 537			
Circumference of a circle	539, 540, 541, 542			
Volume of cuboids, prisms and cylinders	568, 569, 571, 572			
Angles on a line and around a point	477, 478, 479, 480			
Angles in a triangle (including isosceles triangles)	485, 486, 487			
Alternate and corresponding angles (parallel lines)	481, 482, 483			
Interior and exterior angles of polygons	561, 562, 563, 564			
Multi-step angle problems	488, 489, 490, 491			
Draw and measure bearings	494, 493, 494, 495			

Topic List	Hegarty Maths Clip Numbers	😎	😁	😭
Geometry & Measures (Continued)				
Constructions and loci	**n/a**			
Transformations: reflections, rotations, enlargements, translations	**n/a**			
Pythagoras' theorem	**498**, **499**			
Trigonometry in right-angled triangles	**509**, **510**, **511**, **512**			
Similar shapes	**608**, **609**, **610**			
Compound measures; converting metric units				
Statistics & Probability				
Stem and leaf diagrams	**430**, **431**			
Questionnaires	**399**, **400**, **401**			
Scatter graphs	**453**, **454**			
Frequency polygons	**441**			
Two way tables	**422**, **423**			
Mean from a grouped frequency table	**417**, **418**			
Pie Charts	**427**, **428**			
Box plots	**434**, **435**, **436**			
Cumulative frequency graphs	**437**, **438**, **439**			
Stratified sampling	**396**, **397**			
Histograms	**442**, **443**			
Probability from a table	**351**, **352**, **353**, **354**			
Probability: expected outcomes	**355**, **356**			
Probability tree diagrams	**361**, **362**			

Exam Dates

Paper 1: Non- Calculator   PUT DATE IN:

Paper 2: Calculator   PUT DATE IN:

Paper 3: Calculator   PUT DATE IN:

HegartyMaths

www.hegartymaths.com   hegartymaths

School Name: TO BE FILLED IN

Log-in with your first name, last name and date of birth