

Paper 1F

Number	Algebra	Geometry and Measures	Statistics and Probability	Ratio, Proportion and Rates of Change
<ul style="list-style-type: none"> • Place Value • FDP conversions and comparisons • Reverse Percentages • Division • Multiples • Estimation • Time calculations • Product of primes • Converting to/from standard form 	<ul style="list-style-type: none"> • Simplifying expressions • Plot linear graphs • Basic quadratic sequences (finding term) • Solving inequalities • Inequalities on number line 	<ul style="list-style-type: none"> • 2D shapes • Enlargement (not from a point) • Reverse Area • Interior Angles of polygons • SDT • Distance-time graphs 	<ul style="list-style-type: none"> • Reading from bar charts • Averages from frequency tables • Averages from grouped frequency tables • Frequency polygons • Finding probabilities • Calculating probabilities from probability trees 	<ul style="list-style-type: none"> • Unitary method • Best buys • Ratio problems (EG counters added to a bag and ratio changes – how many were added) • Multi-step fraction, percentage and ratio calculations

Paper 2F

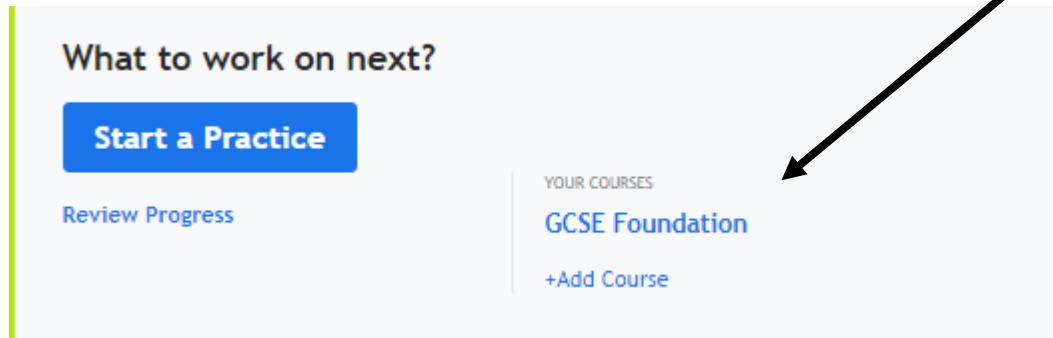
Number	Algebra	Geometry and Measures	Statistics and Probability	Ratio, Proportion and Rates of Change
<ul style="list-style-type: none"> • Ordering integers • FDP Conversions • Shading fractions • Reciprocal • Money calculations • Factors • Prove me wrong questions (EG All primes are odd) • Laws of indices • Using a calculator 	<ul style="list-style-type: none"> • Simplifying in algebra including with powers • Forming expressions • Form and solve equations • Solving equations (including fractional and both sides) • Equations of lines • Solving simultaneous equations 	<ul style="list-style-type: none"> • Metric conversions • Lines of symmetry • Reflection • Bearings • DMV 	<ul style="list-style-type: none"> • Median • Pie charts • Relative frequency • Scatter diagrams including correlation 	<ul style="list-style-type: none"> • Scale drawings • Exchange rates • Recipes • Ratio and area

Paper 3F

Number	Algebra	Geometry and Measures	Statistics and Probability	Ratio, Proportion and Rates of Change
<ul style="list-style-type: none"> • Rounding • Ordering Decimals • Midpoint • FDP conversions • Calculations with money • Percentages of amounts • Percentage profit • Reverse fractions of amounts • HCF/LCM using product of primes • Error intervals • Laws of indices 	<ul style="list-style-type: none"> • Co-ordinates • Equation of a line • Expand single brackets • Factorise linear expressions • Expand double brackets • Rearrange formulae • Substitution • Define equation/expression /identity/formulae/ Inequality 	<ul style="list-style-type: none"> • Converting units of time • Metric conversions • Naming 2D shapes • Properties of 2D shapes (notation) • Angles in 2D shapes • Volume of a cube/cuboid • Volume of a cylinder (difficult) • Column vector from co-ordinates • Trigonometry 	<ul style="list-style-type: none"> • Mean from a list of numbers • Creating a grouped frequency table (tally) • Stem and leaf diagrams • Combinations • Finding probability • Mean from a grouped frequency table 	<ul style="list-style-type: none"> • Ratio to fractions • Inverse proportion (not equation)

How to revise?

Log into Dr Frost and you will see an option for your courses.



Select the course and you will see every subtopic of the maths GCSE for you to browse through and pick and choose what you would like to revise. Use the revision list to prioritise certain topics. Email your teacher if you need any further guidance.