

Topic	M1= DEFG	M2=C*C
1	Index, hcf, lcm,	Index laws, Venn, popf = product of prime factors
2	Negative numbers, bidmas, inverse operations, rounding	Sig fig
3	Circle words, edges, faces and vertices, plans and elevations, nets, estimate metric and imperial units, area of triangles, compound shapes, circumference and area of circle, volume of cuboids,	Area and perimeters of kites, parallelograms, rhombus and trapezium, volume of prisms, volume of cylinder, compound units eg density,
4	Correct algebra notation, collect like terms, multiply out single bracket, factorise	Multiply a single term over a bracket, factorise, common factors, multiply out 2 brackets,
5	Fractions: add, subtract mixed fractions, terminating decimals, one as a fraction of another	Recurring fractions, add subtract multiply and divide mixed numbers
6	Data cycle, sample, population, sampling, bias, data collection, 2 way tables; mean, mode, median of ungrouped table;	Mean, mode, median of grouped table;
7	Construct simple formula, substitute into formula, linear eqs with one unknown,	Set up and solve linear equations in one unknown, including those with the unknown on both sides of the equation and equations of the form: $\frac{x}{4} + 3 = 7$
8	%, frac, dec, Percentage of a quantity, % increase/decrease, finance, bank accounts, salaries, profit, loss, simple interest,	Repeated percentage change, taxation, compound interest, mortgages,
9	Coordinates in 4 quadrants, plot a straight line	Interpret a straight line
10	Angle diagrams, angles with parallel lines,	Pythagoras' in 2D, length of a line, midpoint of 2 coordinates,
11	Pictograms, bar charts, pie charts, line graphs, frequency trees and flow charts; recognising that graphs may be misleading, scattergraphs	Line of best fit, correlation, interpolate, extrapolate, outliers,