

Spring 2

Year 11			I feel confident in...	I need to work on...
Right Angle Triangles	Pythagoras and Trigonometry (SOHCAHTOA) missing angles and sides			
Advanced Trig	Graphs of trigonometric functions, exact values, transformations of graphs, trig triangle area, 3D Trigonometry			
Plans and Elevations	Definitions (name of shapes, edges, vertices and faces), nets, plans and elevations			
Constructions and Loci	Draw accurate shapes, perpendicular bisector, angle bisector, construct angles, construct triangles, solve loci problems			
Bearings	Scales, maps, bearings, locus problems with bearings			
Sequences	Arithmetic, nth term, Fibonacci, geometric, quadratic, finite/infinite			
Straight Line Graphs	Co-ordinates (including problem solving), table of values, $y=mx + c$, quadratic graphs including solving, cubic graphs, reciprocal			
Graphs	Co-ordinates (including problem solving), table of values, $y=mx + c$, quadratic graphs including solving, cubic graphs, reciprocal, circle, sketch and solve problems with $y=mx + c$, real life graphs			
Graphs	Solving problems with graphs, including identifying roots, approximate solutions, graphical inequalities, reciprocal, exponential, area under a graph, estimate gradients			
Solving Quadratics and Iteration	Solving equations by factorising and completing the square, quadratic formula, iteration			
Simultaneous Equations	Form, solve graphically and algebraically, non-linear simultaneous equations, solving inequalities			