

# Spring 1

Year 11		I feel confident in...	I need to work on...
Algebra	Collecting like terms, expanding and factorising single and double brackets		
Further Quadratics	<b>Complicated expanding, triple brackets, factorising quadratics with co-efficient &gt;1, difference of two squares</b>		
Solving Equations	Function machines, forming and solving equations, problem solving, unknowns on both sides, using formula, word problems, perimeter and area problems		
Algebraic Fractions	<b>Simplify, use four operations, factorising, solving equations</b>		
Equations	Forming and solving, changing the subject, changing the subject where it appears both sides		
Algebraic Proof	Show that, consecutive, problem solving		
Time	12 hour, 24 hour, timetable		
2D Shapes	Measurements, perimeter and area, properties of polygons,		
Circles	Circle properties, area and circumference incl. arcs		
3D Shapes	Prisms, cylinder, pyramid, spheres, cones and compound solids, surface area and volume		
Angles	Basic angle facts and triangles, parallel lines rules, interior and exterior angles of polygons		
Circles	<b>Circle theorems, proof and apply, circle geometry (graph of circle, equation of a tangent)</b>		