

What? When? Why?	Lesson 1 Learning intentions (what can a student do at the end of the lesson)	Lesson 2 Learning intentions (what can a student do at the end of the lesson)	Lesson 3 Learning intentions (what can a student do at the end of the lesson)	Lesson 4 Learning intentions (what can a student do at the end of the lesson)
Week 1	Calculate with numbers in standard form(R)	Expand and factorise single brackets.	Expand and simplify double brackets.	Factorise ax^2+bx+c Where $a=1$
Week 2	Factorise ax^2+bx+c	Solve quadratics by factorising	Completing the square	Solve quadratics by completing the square
Week 3	Solve quadratic equations by using the formula.	Solving quadratic equations which need rearranging	Forming and solving quadratic equations.	Introduction to trigonometry. Using sine to find a side. Using cosine and tangent to find a shorter side.
Week 4	Finding the hypotenuse.	Finding an angle.	Mixture of finding a side and angle.	Area of a triangle $=1/2absinC$
Week 5	Solving problems involving trig inc 3 d.	Sketch trig functions	Exact values Non calculator trigonometry.	Construct angles and triangles using ruler, compasses and a protractor
Week 6	Locus of distance from a point Locus of distance from a straight line Locus equidistant from two points	Construct a perpendicular bisector Construct a perpendicular from a point Construct an angle bisector	Change the subject of a simple formula Change the subject of a complex formula	Change the subject where the subject appears more than once
Week 7	Rounding to decimal places and significant figures (R)	Estimating answers to calculations (R)	Understand and use limits of accuracy	Upper and lower bounds (H)