

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	Angles in parallel lines and shapes	Exterior and interior angles of polygons	Proving geometric facts including properties of quadrilaterals	Solve problems with angles in polygons
Week 2	Scale diagrams and bearings	Scale diagrams and bearings	Solve linear equations involving fractions $x/a + b=c$ $x/(a+b) = c$	Form and solve equations
Week 3	Basic rules of indices (r)	Understand and use the power zero and negative indices	Understand and use fractional indices	Rational and irrational numbers
Week 4	Understand and use (simplify) surds	Calculate with surds	Rounding to decimal places (R)	Rounding to significant figures
Week 5	Estimating (by rounding to 1 sig fig)	Converting into standard form (large numbers)	Converting into standard form (small numbers)	Calculate with numbers in standard form (non calc)
Week 6	Calculate with numbers in standard form (calc)	HCF and LCM (inc algebraic) (R)	Expand and factorise single brackets.	Expand and factorise single brackets.
Week 7	Expand and simplify double brackets.	Factorise x^2+bx+c and Solve $x^2+bx+c=0$	PAZ	PAZ