YEAR 11

HALF TERM 3

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			REVISION	REVISION
Week 2	REVISION	REVISION	REVISION	REVISION
Week 3	Use function notation Work with composite functions (H)	Work with inverse functions (H)	Find and use the equation of a circle centre 0 (H)	Find the equation of the tangent to a circle
Week 4	Sine rule to find a side	Sine rule to find an angle	Cosine rule to find a side	Cosine rule to find an angle
Week 5	Mixture of sine and cosine rule	**Mixture of sine and cosine rule**	Plot and read from cubic graphs. Plot and read from reciprocal graphs **Plot exponential graphs**	Recognise graph shapes (straight line, quadratic, cubic, reciprocal, exponential) Identify and interpret roots and intercepts of quadratics
Week 6	Solve a pair of linear simultaneous equations by adding and subtracting equations	Solve a pair of linear simultaneous equations by adjusting equations	Form and solve pair of linear simultaneous equations from given information	Solve a pair of simultaneous equations (one linear, one quadratic) algebraically.