

YEAR 11 higher

HALF TERM 5

<b>What? When?</b>  <b>Why?</b>	<b>Lesson 1</b> <b>Learning intentions</b> (what can a student do at the end of the lesson)	<b>Lesson 2</b> <b>Learning intentions</b> (what can a student do at the end of the lesson)	<b>Lesson 3</b> <b>Learning intentions</b> (what can a student do at the end of the lesson)	<b>Lesson 4</b> <b>Learning intentions</b> (what can a student do at the end of the lesson)
Week 1	Sketch and identify reflections of the graph of a given function (H)	Circle theorem: Angles in a semi-circle Angles at the centre	Circle theorem: Angles in the same segment and circumference	Circle theorem: Angles in a cyclic quadrilateral, angle between radius and tangent - two tangents from a point
Week 2	Distance time graphs(R)	Speed time graphs(R)	Estimate the area under a curve	Estimate the gradient by drawing a tangent.
Week 3	Find approximate solutions to equations using graphs	Finding missing sides in similar shapes.(R)	Understand and use the conditions for congruency	Understand and use the conditions for congruency
Week 4	Surds and Indices Revision.	Percentages Revision.	Vectors Revision.	Ratio and Proportion Revision.
Week 5	Trigonometry Revision.	Trigonometry Revision.	Linear Equation Revision.	Equations with Fractions Revision.
Week 6	Probability Revision.	Histograms and cumulative frequency Revision.	Quadratics Revision.	Quadratics Revision.