YEAR 11 higher

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 15	Understand the difference between a bar chart and a histogram.	Calculate frequency density and draw histograms.	Interpret histograms including finding the frequency	Find median and interquartile range from histograms
Week 16	Complete past paper questions.	Understand difference between linear, quadratic, geometric and Fibonacci sequences. Us n'th term of a quadratic sequence.	Find the n'th term of a quadratic sequence.	Past paper questions on sequences.
Week 17	Change the subject of a formula	Change the subject of a formula where subject appears more than once.	Find composite functions	Find inverse functions
Week 18	Understand the trigonometric ratios.	Find a shorter side using trigonometry	Find a longer side using trigonometry.	Finding an angle using trigonometry.
Week 19	Finding sides and angles	Solve problems using trigonometry inc bearings	Find the area of a triangle using 1/2abSinC	Using sine rule to find an angle
Week 20	Using sine rule to find a side	Using cosine rule to find a side	Using cosine rule to find an angle.	Mixture of sine and cosine rule
Week 21	Problem solving using sine and cosine rule	Using tree diagrams to find probability of independent events	Using tree diagrams to find probability of independent events.	Past paper questions on probability.