YEAR 11 FOUNDATION

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	Find mean, median, mode and range.	Find the median and the mean from a frequency table.	Estimate the mean from a grouped frequency table.	Find averages from tables, charts and graphs
Week 2	Plot scatter graphs.	Draw and use the line of best fit.	Understand and use the laws of indices for positive powers and zero	Understand and use the laws of indices for positive powers applied to algebra.
Week 3	To continue linear sequences. Find and use the term to term rule.	. Find the position to term rule for linear sequences.	Find and use the n'th term for linear sequences.	To recognise Fibonacci, arithmetic, quadratic and geometric sequences.
Week 4	Find the nth term of a quadratic sequence	Past paper questions on sequences.	Revise solving equations	Change the subject of a formula
Week 5	Past paper questions on equations and changing the subject of a formula.	Understand Pythagoras' Theorem.	Use Pythagoras theorem to find the hypotenuse	Use Pythagoras theorem to find a shorter side
Week 6	Use Pythagoras theorem to solve problems.	Past paper questions on Pythagoras theorem.	Find the probability of a single event.	Find the probability of an event not happening.
Week 7	Complete and use possibility spaces.	Past paper questions on probability.		