



YEAR 9 MATHEMATICS WORK PLAN: Semester 1, 2017 – Mrs Every, Ms. Morrison, Mr Mooney, Mr Telleman

UNIT	TOPIC	ASSESSMENT	DUE DATE
9.1	Pythagoras' Theorem (4 weeks - Pearson Chapter 2.1 – 2.5) Pythagoras' Theorem, Finding an unknown side, solving problems using Pythagoras' Theorem, Pythagorean triples	9.1 Exam	Week 5 Monday 20th February
9.2	Algebra (4 weeks – Pearson 3.1 – 3.8) Index laws, Scientific notation, significant figures, expanding and factorising, rearranging formulas	9.2 Exam	Week 10 Monday 27th March
UNIT	TOPIC	ASSESSMENT	DUE DATE
9.3	Linear Algebra (4 weeks - Pearson Chapter 5.1 – 5.8) Solving linear equations, problem solving using linear equations, rearranging formulas (review), gradient, review distance between 2 points, plotting using tables, sketching, point gradient formula	9.3 Investigation	Week 6 Hand Out: Tuesday 23 rd May Week 8 Due: Monday 5 th June
9.4	Statistical Investigation (1 week)	9.4 Exam Topics 9.3 Algebra & 9.5 Statistics	Exam Block Week 9/10
9.5	Statistics and Probability Data Analysis (3 weeks – Pearson 8.1 – 8.7) Investigating Data, Interpreting Data, Statistics from Grouped Data, Comparing Data Sets, Understanding Probability, Probability Events, Representing Probability		

This work plan was last updated on Thursday, 2 March 2017. The contents are subject to change – students will be advised in advance of any changes - regularly check for updates.