

# Fort Street High School - Mathematics Faculty

## Yearly Planner: Year 9

### Program Unit Guide 2016

Term 1	Wk	Term 2	Wk	Term 3	Wk	Term 4
<b>Trigonometry</b> Right Triangles (Ch 3) <i>Measurement</i>	1	<b>Algebraic Methods II</b> (cont) (Ch 8) <i>Algebra</i>	1	<b>Data Analysis</b> (cont) (Ch 9) <i>Statistics and Probability</i>	1	<b>Geometrical Shapes</b> Properties of geometrical Figures (Ch7) <i>Geometry</i>
	2		2		2	
	3		3	<b>Number</b> Computation and Financial Mathematics (Ch 1) <i>Number</i>	3	<b>Revision</b>
	4	4	4			
<b>Algebraic Methods I</b> Expressions, Equations and Inequalities (Ch 2) <i>Algebra</i>	5	<b>Number</b> Indices, Surds & Scientific Notation (Ch 6) <i>Number</i>	5	<b>Quadratic Methods</b> Quadratic Equations and Graphs of Parabolas (Ch10) <i>Algebra</i>	5	<div style="border: 2px solid black; padding: 5px; text-align: center;"> <b>Semester 2 Examination</b> </div>
	6		6		6	
	7		7		7	
<b>Algebraic Methods II</b> Factorising Quadratic Expressions and Algebraic Fractions (Ch 8) <i>Algebra</i>	8	<b>Data Analysis</b> Probability Single Variable Data Analysis (Ch 9) <i>Statistics and Probability</i>	8	<b>Algebraic Methods III</b> Expressions, Equations and Linear Relationships (Year 10 Ch 5) <i>Algebra</i>	8	
	9		9		9	
<div style="border: 2px solid black; padding: 5px;"> <b>Revision and Semester 1 Examination</b> </div>	10		10		10	
	11		11		11	

Semester 1 Exam Topics		Semester 2 Exam Topics		
Algebra:	Linear Relationships (in Yr 8 Term 4)	Algebra:	Solving and graphing Quadratics	
	Expressions and Equations		Number:	Financial Mathematics
	Inequalities			Indices & Surds
	Factorising Quadratics			Scientific Notation
Measurement:	Surface Area & Volume (in Yr 8 Term 4)	Statistics and Probability:	Probability	
	Trigonometry		Single Variable Data Analysis	
		Geometry	Properties of Figures	

*Dates/weeks of tests subject to change - depends on the location of the double period each year - 90 minute exams.*