

	2	3	4	5	6	7	8	9	10	11
TERM 1	ALGEBRA: Formula and Equations (MS- A1) <i>MS11-1, MS11-6, MS11-9, MS11-10</i> <ul style="list-style-type: none"> Review substitution into formula, changing subject of formula Calculate speed, distance, and time. Develop and solve linear equations Calculate and interpret blood alcohol content (BAC) Calculate medication dosages for children given adult doses using given formula 			FINANCIAL MATHEMATICS: Money Matters (MS-F1.1 & MS-F1.2) <i>MS11-2, MS11-5, MS11-6, MS11-9, MS11-10</i> <ul style="list-style-type: none"> Solve problems involving goods and services tax (GST) Calculate simple interest for different rates and periods Calculate straight-line depreciation Use spreadsheets to calculate and graph recurrence relations involving simple interest Calculate various types of earnings over different time periods Calculate income tax, including deductions to find net pay Use technology to perform financial computations 			ALGEBRA: Linear Relationships (MS-A2) <i>MS11-1, MS11-2, MS11-6 MS11-9, MS11-10</i> <ul style="list-style-type: none"> Model, analyse and solve problems involving linear relations, including construction and features of straight-line graphs Construct and analyse linear model, graphically and algebraically, to solve direct variation problems 			
								Assignment 30 %		

	1	2	3	4	5	6	7	8	9	10
TERM 2	STATISTICAL ANALYSIS: Data Analysis (MS-S1) <i>MS11-2, MS11-7, MS11-9, MS11-10</i> <ul style="list-style-type: none"> Collect data from a population or sample, and describe distinguishing features Classify data relating to a single random variable Organise, display, interpret, and compare data into appropriate tabular and/or graphical representations Summarised grouped and ungrouped data through appropriate graphs and summary statistics Investigate the effect of outliers & investigate real-world data examples from the media Describe, compare, and interpret distributions of graphical displays and report on the findings Construct and compare parallel box and whisker plots 						MEASUREMENT: Applications of Measurement (MS-M1.1 & MS-M1.3) <i>MS11-3, MS11-4, MS11-9, MS11-10</i> <ul style="list-style-type: none"> Review metric measurements, including area, mass and energy, take measurement and calculate Calculate absolute error of a reported measurement using precision calculations Use standard form and standard prefixes in context, with and without significant figures Solve problems related to food, nutrition, and energy expended Solve problems related to consumption of electricity 			
							Research Project 35 %			

