Mathematics Standard Stage 6

Year 11			Year 12			
Subtopic	***Content***	***(120 hours)***	***Course***	***Subtopic***	***Content***	***(120 hours)***
Topic:		**Algebra**				
Mathematics Standard			*Mathematics Standard 1*			
MS-A1	**Formulae and Equations**			**MS-A3**	**Types of Relationships**	
				A3.1	Simultaneous linear equations	
				A3.2	Graphs of practical situations	
MS-A2	**Linear Relationships**					
			Mathematics Standard 2			
				MS-A4	**Types of Relationships**	
				A4.1	Simultaneous linear equations	
				A4.2	Non-Linear relationships	
Topic:		**Measurement**				
Mathematics Standard			*Mathematics Standard 1*			
MS-M1	**Applications of Measurement**			**MS-M3**	**Right-angled Triangles**	
	M1.1	Practicalities of measurement				
	M1.2	Perimeter, area and volume				
	M1.3	Units of energy and mass				
MS-M2	**Working with Time**			**MS-M4**	**Rates**	
				MS-M5	**Scale Drawings**	
			Mathematics Standard 2			
				MS-M6	**Non-right-angled Trigonometry**	
				MS-M7	**Rates and Ratios**	
Topic:		**Financial Mathematics**				
Mathematics Standard			*Mathematics Standard 1*			
MS-F1	**Money Matters**			**MS-F2**	**Investment**	
	F1.1	Interest and depreciation				
	F1.2	Earning and managing money				
	F1.3	Budgeting and household expenses				
				MS-F3	**Depreciation and Loans**	
			Mathematics Standard 2			
				MS-F4	**Investments and Loans**	
				F4.1	Investments	
				F4.2	Depreciation and loans	
				MS-F5	**Annuities**	
Topic:		**Statistical Analysis**				
Mathematics Standard			*Mathematics Standard 1*			
MS-S1	**Data Analysis**			**MS-S3**	**Further Statistical Analysis**	
	S1.1	Classifying and representing data (grouped and ungrouped)			S3.1	The statistical investigation process for a survey
	S1.2	Summary statistics			S3.2	Exploring and describing data arising from two quantitative variables
MS-S2	**Relative Frequency and Probability**					
			Mathematics Standard 2			
				MS-S4	**Bivariate Data Analysis**	
				MS-S5	**The Normal Distribution**	
Topic:		**Networks**				
			Mathematics Standard 1			p
				MS-N1	**Networks and Paths**	
				N1.1	Networks	
				N1.2	Shortest paths	
			Mathematics Standard 2			
				MS-N2	**Network Concepts**	
				N2.1	Networks	
				N2.2	Shortest paths	
				MS-N3	**Critical Path Analysis**	

Based on *Mathematics Standard Stage Syllabus, NESA, 2017.*

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