



			Lessons by Module											
	Sub Strands	Content Descriptions	Mod. 1	Mod. 2	Mod. 3	Mod. 4	Mod. 5	Mod. 6	Mod. 7	Mod. 8	Mod. 9	Mod. 10	Mod. 11	Mod. 12
	Number and Place Value	Identify and describe properties of prime, composite, square and triangular numbers (ACMNA122)			6, 7, 8, 9									
		Select and apply efficient mental and written strategies and appropriate digital technologies to solve problems involving addition and subtraction with whole numbers (ACMNA123)	10, 11, 12	1, 2, 12			4, 5, 6, 7, 8, 9	5, 6		4, 5, 6, 7, 8				
NUMBER AND ALGEBRA		Investigate everyday situations that use positive and negative whole numbers and zero. Locate and represent these numbers on a number line (ACMNA124)					1, 2, 3							
NUMBE	Fractions and Decimals	Compare fractions with related denominators and locate and represent them on a number line (ACMNA125)							1, 2, 3, 4, 5, 6		1, 2			
		Solve problems involving addition and subtraction of fractions with the same or related denominators (ACMNA126)									3, 4, 5, 6, 12		1, 2, 3, 4	
		Find a simple fraction of a quantity where the result is a whole number, with and without the use of digital technologies (ACMNA127)											5, 6, 7, 8	





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		Add and subtract decimals, with and without the use of digital technologies, and use estimation and rounding to check the reasonableness of answers (ACMNA128)	1, 2, 3, 4, 5, 6, 7, 8, 9, 12	3, 4, 5, 6, 7, 8, 9, 12		1, 2, 3, 4, 5, 6, 7, 8								
		Multiply decimals by whole numbers and perform divisions by non-zero whole numbers where the results are terminating decimals, with and without the use of digital technologies (ACMNA129)			1, 2, 3, 4, 5, 12			7, 8		1, 2, 3				
NUMBER AND ALGEBRA		Multiply and divide decimals by powers of 10 (ACMNA130)								7, 8				
		Make connections between equivalent fractions, decimals and percentages (ACMNA131)										1, 2, 3, 4, 5, 6		
	Money and Financial Mathematics	Investigate and calculate percentage discounts of 10%, 25% and 50% on sale items, with and without the use of digital technologies (ACMNA132)											7, 8, 9, 10	
	Patterns and Algebra	Continue and create sequences involving whole numbers, fractions and decimals; describe the rule used to create the sequence (ACMNA133)						1, 2, 3, 4						
		Explore the use of brackets and the order of operations to write number sentences (ACMNA134)				tralian Curricu							@ OP	1, 2, 3, 4, 5, 6





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	Using Units of Measurement	Connect decimal representations to the metric system (ACMMG135)				9, 10, 11, 12	9, 10, 11, 12				7, 8, 9, 10	10, 11		
		Convert between common metric units of length, mass and capacity (ACMMG136)				9, 10, 11, 12	10, 11, 12				7, 8, 9, 10	10, 11		
		Solve problems involving the comparison of lengths and areas using appropriate units (ACMMG137)					12		9, 10, 11, 12					
MEASUREMENT AND GEOMETRY		Connect volume and capacity and their units of measurement (ACMMG138)									11, 12	12		
		Interpret and use timetables (ACMMG139)		10, 11, 12						11, 12				
	Shape	Construct simple prisms and pyramids (ACMMG140)											11, 12	
	Location and Transformation	Investigate combinations of translations, reflections and rotations, with and without the use of digital technologies (ACMMG142)										7, 8, 9		
		Introduce the Cartesian coordinate system using all four quadrants (ACMMG143)												7, 8, 9
	Geometric Reasoning	Investigate, with and without the use of digital technologies, angles on a straight line, angles at a point, and vertically opposite angles; use the results to find unknown angles (ACMMG141)						9, 10, 11, 12						





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	Chance	Describe probabilities using fractions, decimals and percentages (ACMSP144)												10, 11, 12
SABILITY		Conduct chance experiments with both small and large numbers of trials using appropriate digital technologies (ACMSP145)												10, 11, 12
CS AND PROBABILITY		Compare observed frequencies across experiments with expected frequencies (ACMSP146)												10, 11, 12
STATISTICS	Data Representation and Interpretation	Interpret and compare a range of data displays, including side-by-side column graphs for two categorical variables (ACMSP147)			10, 11, 12									
		Interpret secondary data presented in digital media and elsewhere (ACMSP148)							7, 8					