	Sub Strands	Content	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 ALGEBRA	Whole Numbers MA3-4NA MA3-1WM MA3-2WM	Recognise, represent and order numbers to at least tens of millions	1, 2, 3, 4, 5, 6, 7								1, 2, 3, 4, 5, 6, 7			
		Identify and describe factors and multiples of whole numbers and use them to solve problems (ACMNA098)					1, 2, 3							
	Addition and Subtraction MA3-5NA MA3-1WM MA3-2WM MA3-3WM	Use efficient mental and written strategies and apply appropriate digital technologies to solve problems (ACMNA291)		1, 2, 3, 4, 12				1, 2, 3, 4, 12						
		Use estimation and rounding to check the reasonableness of answers to calculations (ACMNA099)		3, 4, 12				1, 4						
		Create simple financial plans (ACMNA106)						5						
	Multiplication and Division MA3-6NA MA3-1WM MA3-2WM MA3-3WM	Solve problems involving multiplication of large numbers by one- or two-digit numbers using efficient mental and written strategies and appropriate digital technologies (ACMNA100)	8, 9, 10, 11, 12		1, 2, 3, 4, 5, 6, 7, 9	1, 2, 3, 4, 5, 6, 7, 8, 12								
		Solve problems involving division by a one-digit number, including those that result in a remainder (ACMNA101)			8, 9		4, 5, 6, 7, 8, 12				1, 2, 3, 4, 5		1, 2, 3, 4, 5	
		Use estimation and rounding to check the reasonableness of answers to calculations (ACMNA099)				4, 5, 6, 7, 12		12						

	Sub Strands	Content	Mod. 1	Mod. 2	Mod. 3	Mod. 4	Mod. 5	Mod. 6	Mod. 7	Mod. 8	Mod. 9	Mod. 10	Mod. 11	Mod. 12
									Lessons by Module					
NUMBER AND ALGEBRA	Fractions and Decimals MA3-7NA MA3-1WM MA3-2WM MA3-3WM	Compare and order common unit fractions and locate and represent them on a number line (ACMNA102)							1, 2					1, 2, 3, 6, 7, 8
		Investigate strategies to solve problems involving addition and subtraction of fractions with the same denominator (ACMNA103)							3, 4, 5, 6, 7					4, 5
		Recognise that the place value system can be extended beyond hundredths (ACMNA104)											1	
		Compare, order and represent decimals (ACMNA105)		5, 6, 7, 8, 9									1, 2, 3, 4, 5, 6, 7	
	Patterns and Algebra MA3-8NA MA3-1WM MA3-2WM MA3-3WM	Describe, continue and create patterns with fractions, decimals and whole numbers resulting from addition and subtraction (ACMNA107)						6, 7, 8						
		Use equivalent number sentences involving multiplication and division to find unknown quantities (ACMNA121)			8									
MEASUREMENT AND GEOMETRY	Length MA3-9MG MA3-1WM MA3-3WM	Choose appropriate units of measurement for length (ACMMG108)					9, 10, 12							
		Calculate the perimeters of rectangles using familiar metric units (ACMMG109)					11, 12							
	Area MA3-10MG MA3-1WM	Choose appropriate units of measurement for area (ACMMG108)							8, 9					
		Calculate the areas of rectangles using familiar metric units (ACMMG109)									8, 9			

ORIGO
STEPPING STONES

JANUARY 2014

***NSW SYLLABUS* COVERAGE**

STAGE **3**a
YEAR **5**

	Sub Strands	Content	Mod. 1	Mod. 2	Mod. 3	Mod. 4	Mod. 5	Mod. 6	Mod. 7	Mod. 8	Mod. 9	Mod. 10	Mod. 11	Mod. 12
														Lessons by Module
MEASUREMENT AND GEOMETRY	Volume and Capacity MA3-11MG MA3-1WM MA3-3WM	Choose appropriate units of measurement for volume and capacity (ACMMG108)									10, 11, 12	11, 12		
	Mass MA3-12MG MA3-1WM MA3-2WM	Choose appropriate units of measurement for mass (ACMMG108)				9, 10, 11, 12								
	Time MA3-13MG MA3-1WM	Compare 12- and 24-hour time systems and convert between them (ACMMG110)		11, 12						10, 11, 12				
		Determine and compare the duration of events		10, 11, 12										
	Three-Dimensional Space MA3-14MG MA3-1WM MA3-3WM	Compare, describe and name prisms and pyramids											8, 9, 10	
		Connect three-dimensional objects with their nets and other two-dimensional representations (ACMMG111)											8, 9, 10, 11, 12	
	Two-Dimensional Space MA3-15MG MA3-1WM MA3-2WM MA3-3WM	Classify two-dimensional shapes and describe their features						9, 10, 11, 12						
		Describe translations, reflections and rotations of two-dimensional shapes (ACMMG114)										9		
		Identify line and rotational symmetries (ACMMG114)										6, 7, 8		
		Apply the enlargement transformation to familiar two-dimensional shapes and explore the properties of the resulting image compared with the original (ACMMG115)										10		

	Sub Strands	Content	Mod. 1	Mod. 2	Mod. 3	Mod. 4	Mod. 5	Mod. 6	Mod. 7	Mod. 8	Mod. 9	Mod. 10	Mod. 11	Mod. 12
										Lessons by Module				
MEASUREMENT AND GEOMETRY	Angles MA3-16MG MA3-1WM	Estimate, measure and compare angles using degrees (ACMMG112)								6				
		Construct angles using a protractor (ACMMG112)								7, 8, 9				
	Position MA3-17MG MA3-1WM	Use a grid-reference system to describe locations (ACMMG113)												10
		Describe routes using landmarks and directional language (ACMMG113)												9, 10
STATISTICS AND PROBABILITY	Data MA3-18SP MA3-1WM MA3-3WM	Pose questions and collect categorical or numerical data by observation or survey (ACMSP118)			10									
		Construct displays, including column graphs, dot plots and tables, appropriate for data type, with and without the use of digital technologies (ACMSP119)			10, 11, 12	11			10, 11, 12					
		Describe and interpret different data sets in context (ACMSP120)							10					
	Chance MA3-19SP MA3-1WM	List outcomes of chance experiments involving equally likely outcomes and represent probabilities of those outcomes using fractions (ACMSP116)											11	
		Recognise that probabilities range from 0 to 1 (ACMSP117)												12