

2017 Foundation – Year 8 Maths Overview  
Semester 1 - Term 2



Our school community is one with high expectations.  
We are collaborative and inclusive of all.  
We deliver a 21<sup>st</sup> century guaranteed and viable curriculum  
that results in outstanding student achievement.

	Foundation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Week 1	Number & Place Value Early Number Concepts (VCMNA071) (VCMNA072)	Number & Place Value Number Lines (VCMNA087)	Number & Place Value Connection between Addition & Subtraction (fact families) (VCMNA106)	Fractions & Decimals Model & Represent Unit Fractions (VCMNA136)	Fractions & Decimals Equivalent Fractions Fractions on a Number Line (VCMNA157) (VCMNA158)	Fractions & Decimals Unit Fractions Addition & Subtraction of Fractions (VCMNA187) (VCMNA188)	Fractions & Decimals Comparing Fractions Addition & Subtraction of Fractions (VCMNA211) (VCMNA212)	Real Numbers Fractions (VCMNA242) (VCMNA243) (VCMNA244) (VCMNA245)	Real Numbers Decimals & Percentages (VCMNA274) (VCMNA276)
Week 2		Number & Place Value Count collections to 100 (VCMNA088)	Chance Describe Outcomes (VCMSP125)						
Week 3	Shape 2D & 3D Shapes (VCMMG081)		Number & Place Value Addition Mental & Written Strategies (VCMNA107)	Chance Chance Experiments (VCMSP147)	Chance Everyday Events (VCMSP175) (VCMSP176) (VCMSP177)	Data Representation & Interpretation Pose Questions, Construct Displays, Describe & Interpret Data (VCMSP205) (VCMSP206) (VCMSP207)	Data Representation & Interpretation Pose Questions, Construct Displays, Describe & Interpret Data (VCMSP235) (VCMSP236) (VCMSP237)		
Week 4		Data Representation & Interpretation Collect & Display Data (VCMSP101) (VCMSP102)		Number & Place Value Odd & Even Numbers (VCMNA129)				Linear & non-linear relationships Cartesian Plane Linear Equations (VCMNA255) (VCMNA256) (VCMNA257)	Chance Complementary Events Describe & Represent Events (VCMSP294) (VCMSP295) (VCMSP296)
Week 5	Number & Place Value Model Addition & Subtraction (VCMNA073)		Number & Place Value Subtraction Mental & Written Strategies (VCMNA107)	Number & Place Value Addition & Subtraction (VCMNA132)	Number & Place Value Multiplication (VCMNA155) (VCMNA156)	Number & Place Value Multiplication & Division (VCMNA183) (VCMNA184)	Number & Place Value Properties of Numbers Mental & Written Strategies (VCMNA208) (VCMNA209)		
Week 6		Money & Financial Maths Australian Money (VCMNA092)			Patterns & Algebra Number Patterns (Multiplication) (VCMNA161)				Patterns & Algebra Algebraic Expressions (VCMNA279) (VCMNA280) (VCMNA281) (VCMNA282)
Week 7	Patterns & Algebra Follow sequence of instructions (VCMNA077)	Chance Identify Outcomes (VCMSP100)	Units of Measurement Length & Mass (Formal & Informal) (VCMMG115)	Location & Transformation Maps & Symmetry (VCMMG143) (VCMMG144)	Units of Measurement Area (VCMMG166)	Units of Measurement Area & Perimeter (VCMMG196)	Fractions & Decimals Decimals (VCMNA214) (VCMNA215)	Patterns & Algebra Variables Algebraic Expressions (VCMNA251) (VCMNA252) (VCMNA253) (VCMNA254)	
Week 8		Patterns & Algebra Number Patterns Problem Solving (VCMNA093) (VCMNA094)			Units of Measurement Time (VCMMG167) (VCMMG168)	Fractions & Decimals Decimals (VCMNA189) (VCMNA190)	Shape Prisms & Pyramids (VCMMG228)		
Week 9	Location & Transformation Position & Movement (VCMMG082)		Money & Financial Maths Count & Order Australian money (VCMNA111)	Data Representation & Interpretation Ask Questions, Collect & Compare Data (VCMSP148) (VCMSP149) (VCMSP150)					
Week 10		Units of Measurement Length & Mass (VCMMG095)			Shape 2D & 3D Shapes (VCMMG170) (VCMMG171)	Shape 3D Objects & 2D Representations (VCMMG198)	Location & Transformation Transformation Cartesian Coordinate System (VCMMG229) (VCMMG230)	Location & Transformation Translations, Reflections & Rotations (VCMMG261)	Units of Measurement Perimeter, Area & Volume (VCMMG287) (VCMMG289)
Week 11	Number & Place Value Model Sharing (VCMNA074)		Number & Place Value Counting, Sequencing (2,3,5 & 10) (VCMNA103)	Patterns & Algebra Number Patterns resulting from addition or subtraction (VCMNA138)		Geometric Reasoning Constructing Angles (VCMMG202)			

The proficiency strands Understanding, Fluency, Problem Solving and Reasoning are an integral part of the maths content across the three content strands: Number and Algebra, Measurement and Geometry, and Statistics and Probability. The four processes continue to be embedded across each term.