

Foundation – Year 9 Maths Overview Term 3, 2018											
Our school community is one with high expectations. We are collaborative and inclusive of all. We deliver a 21st century guaranteed and valid curriculum. It results in outstanding student achievement.											
The Maths Curriculum links directly to: HIGH IMPACT TEACHING STRATEGIES											
The planning, teaching and learning of the Maths Curriculum links directly to the College's AIP targets: <ul style="list-style-type: none"> To grow each student's learning outcomes across all curriculum areas, with a focus on Literacy and Numeracy. To strengthen a positive culture for learning that empowers both students and staff. To increase community connectedness in supporting outstanding student achievement. 											
PROFICIENCIES			Maths Mania				21st Century Learning				
The proficiency strands Understanding, Fluency, Problem Solving and Reasoning are an integral part of the maths content across the three content strands: Number & Algebra, Measurement & Geometry, and Statistics & Probability. The four processes continue to be embedded across each term.			Read question two times (uncover the information) Underline key words (focus on the question) Doodle, draw, figure (Engage) Draw a diagram Goldlocks bubble (Not too dark, not too light, just right!)				Ways of Thinking: Creativity and Innovation, Critical Thinking, Problem Solving and Decision Making, Learning to Learn Ways of Working: Communication and Collaboration Ways of Living in the World: Local and Global Citizenship, Personal and Social Responsibility, Life and Career Tools for Working: Information Literacy, Information and Communication Technology (ICT) Literacy				
Week	Foundation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	
1	CONSOLIDATE Number & Place Value Count on - 1 more, 2 more Number line 10s Frame Trust the Count 10s (VCMNA071) (VCMNA072)	CONSOLIDATE Number & Place Value Counting Collections Identifying numbers 0-100 on chart Simple addition facts especially to 18 Number Lines (VCMNA087) (VCMNA088) (VCMNA089)	CONSOLIDATE Number & Place Value Vertical Subtraction Vertical Addition Use of the 10s column Rounding Strategy (VCMNA107)	Number & Place Value Multiplication Problem Solving (VCMNA135) (VCMNA135)	Number & Place Value Multiples & Factors Factor Trees, Common Factors (VCMNA154) (VCMNA156)	Patterns & Algebra Patterns with Fractions, Decimals and Whole Numbers (VCMNA192)	CONSOLIDATE Fractions & Decimals Multiplying Decimals (VCMNA215) (VCMNA216)		Real Numbers Fractions, Decimals & Percentages (VCMNA242) (VCMNA243) (VCMNA244) (VCMNA246)	Number & Algebra Linear (VCMNA283) (VCMNA284) (VCMNA285)	Measurement & Geometry Area (VCMMG312) (VCMMG313) (VCMMG314)
2					Fractions & Decimals Decimals (VCMNA159)						
3	Measurement & Geometry Length Informal Units Use different objects to determine longer or shorter (VCMMG078)	Measurement & Geometry Shape Consolidate 2D shapes (corners and sides) Move to 3D shape (edges, vertex & face) Include different orientations (VCMNA098)	Number & Place Value Multiplication & Division Use of the area concept (VCMNA108) (VCMNA114)								
4				Measurement & Geometry Angles Using tools to identify 1/2, 1/4, full turn etc Not angle measures (VCMMG146)	Location & Transformation Scales, Legends & Directions (VCMMG172)	Measurement & Geometry Area (VCMNA196)	Fractions & Decimals Fractions of a Quantity Connections between fractions, decimals and percentages (VCMNA213) (VCMNA217)				
5	Measurement & Geometry Time Sequencing of events Days, Weeks, Weekend Introduce o'Clock (VCMMG079) (VCMMG080)	Measurement & Geometry Mass Comparison of pairs using uniform non-formal units (VCMMG095)	Number & Place Value Division (VCMNA109)					Measurement & Geometry Area & Volume (VCMMG258) (VCMMG259) (VCMMG260)			
6		Measurement & Geometry Capacity Comparison using measuring cylinders, cups or flasks (VCMMG095)	Fractions & Decimals Halves, Quarters, Eighths (VCMNA110)	Measurement & Geometry Shapes Drawing skills using templates Making 3D objects (Nets) (VCMMG142)	Number & Place Value Division Formal Algorithm including problems in context (Worded Problems) (VCMNA155) (VCMNA156) (VCMNA162) (VCMNA164)	Number & Place Value Mental Strategies Benchmarks HL,MR (VCMNA185)	Measurement & Geometry Shape Nets for 3D Objects Euler's Rule (VCMMG228) (VCMMG231)		Measurement & Geometry (VCMMG291) (VCMMG292) (VCMMG293)		
7	Financial Maths Represent Money (VCMNA075)	Number & Place Value Money Recognition Value Combinations to make larger values (VCMNA092)	Measurement & Geometry Time Half, quarter to & past (VCMMG117) (VCMMG124)	Measurement & Geometry length CONSOLIDATE use of mm, cm, m Simple Conversions (VCMNA138)	Statistics & Probability Data Representation & Interpretation Surveys, Displays, Appropriate Displays & Pictographs (VCMSP178) (VCMSP179) (VCMSP180)	Order of Operations Level 5 Competency based Assessment		Number & Place Value Mental Strategies Benchmarks HJ,LLN			
8	CONSOLIDATE Number & Place Value Simple addition on 10s frame 7 and 3 make 10 Beginning of Number facts of 10 (VCMNA073)									Number & Algebra Pythagoras (VCMMG318) (VCMNA309) (VCMNA308)	
9		Patterns Repeating Shape Patterns (VCMNA093) (VCMNA094)	Statistics & Probability Data Interpretation Collected Data Display & Interpret (VCMSP124) (VCMSP127) (VCMSP128)	Problem Solving using DIHARD model			Order of Operations Level 6 Competency based Assessment	Order of Operations Level 7 Competency based assessment	Statistics & Probability (VCMSP297) (VCMSP298) (VCMSP299) (VCMSP300)		
10	Assessment Recording progress on Foundation Benchmarks	Assessment Recording progress on Level 1 Benchmarks		Assessment Mental Strategies Benchmarks D & E - Doubles & Associates	Assessment Mental Strategies Benchmarks H- Multiplication Facts 2s, 4s, 8s	Assessment Recording progress on Mental Strategies & Order of Operations	Assessment Recording progress on Mental Strategies & Order of Operations	Assessment Recording progress on Order of Operations		Patterns & Algebra Set Structures (VCMNA307)	

Last Updated: 21 June 2018

The Maths Curriculum links directly to:

High Impact Teaching Strategies (<http://www.education.vic.gov.au/Documents/school/teachers/support/highimpactedshat.pdf>)
 Maths Proficiency Strands (<http://victoriacurriculum.vcaa.vic.edu.au/mathematics/introduction/learning-in-mathematics>)
 The Compass Learning Tasks will be the Tiered tasks for the first unit in Y2 to Y8.
 F-1 Compass Learning Tasks - Snapshot of learning from first unit

Benchmarks & Skills - Benchmarks in the Progression Column, Student Mental Strategies
 Week 9 is post assessment week. All assessments to be completed by Friday of Week 9. Results the following Monday.

KEY

Content Assessed in Pre/Post Test

Compass Learning Tasks

Benchmark Assessments