

The Maths Curriculum links directly to:
HIGH IMPACT TEACHING STRATEGIES



The planning, teaching and learning of the Maths Curriculum links directly the College's AIP targets.

- 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.

<p>PROFICIENCIES</p> <p>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.</p>	<p>Maths Mantra</p> <p>Read question two times (uncover the information) Underline key words (focus on the question) Doodle, draw, figure (Engage) Draw a diagram Goldilocks bubble (Not too dark, not too light, just right)</p>	<p>21st Century Learning</p> <p>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</p>
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Week	Foundation	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9
1	Number & Place Value CONSOLIDATE Number Concepts Movement on 0-99 Counting Chart Partitions 19=10+9 (VCMNA070)	Number & Place Value Addition (VCMNA089)	Benchmark C, D, E, F Facts to 18 Associative Law Rainbow Facts (VCMNA107) (VCMNA108)	Benchmark E, F, G, H (VCMNA107) (VCMNA134) (VCMNA135)	Number & Place Value Vertical Addition Vertical Subtraction (VCMNA153) (VCMNA163)	Number & Place Value EXTEND Fractions & Decimals to Hundredths (VCMNA189) Order Decimals (VCMNA190)	Measurement & Geometry Area Include conversion of units (VCMMG224) Lead to Volume (VCMMG225)	Benchmark K, O Percentage 15% Composite	Number & Place Value BODMAS (VCMNA273)	
2				Number & Place Value CONSOLIDATE Addition (simple repeated addition single-digit & subtraction) Extend to 1000 & 100 000 (VCMNA132) (VCMNA133)				Financial Maths Investigate & calculate "best buys" (VCMNA250)		Measurement & Geometry Trigonometry (VCMMG319) (VCMMG320)
3	Measurement & Geometry Mass (Comparing) Capacity (Measuring) (VCMMG078)	Number & Place Value Subtraction (VCMNA089)	Measurement & Geometry Slides & Flips (VCMMG123)		Number & Place Value Fractions (Mixed Numbers only) (VCMNA158)	Measurement & Geometry Grid Reference System & Symmetry (VCMMG199) (VCMMG200) (VCMMG201)			Real Numbers Rates & Ratios (VCMNA277)	
4							Geometry Capacity & Mass (VCMMG222) (VCMMG223)			
5	Measurement & Geometry Clocks (Time) (VCMMG079)	Number & Place Value Fractions Sharing in equal groups (VCMNA090) (VCMNA091)	Measurement & Geometry Shape & Area Volume & Capacity (VCMMG120) (VCMMG121) (VCMMG115)	Financial Maths Represent money in multiple ways Count change (VCMNA137)	Measurement & Geometry Symmetry (VCMMG173) Angles (VCMMG174)	Measurement & Geometry Capacity, Volume & Mass (VCMMG195)	Measurement & Geometry Elapsed Time Timetables (VCMMG226) Number & Place Value Fractions Review addition & subtraction related denominators include (VCMNA219) Addition Mixed Numbers (VCMNA212)	Statistics & Probability Data Interpretation (VCMSP268) (VCMSP269) (VCMSP270) (VCMSP271)	Real Number Irrational Numbers (VCMNA275) with Measurement & Geometry Circles (VCMNA288)	
6										Financial Maths Simple Interest (VCMNA304)
7	Statistics & Probability Data Representation & Interpretation (VCMSP083) (VCMSP084) (VCMSP085)	Measurement & Geometry Give & Follow Directions (VCMMG099)				Measurement & Geometry Elapsed Time & 24hr Time (VCMMG197)				
8		Measurement & Geometry Duration (VCMMG097)	Statistics & Probability Chance (VCMSP125) link with (VCMSP128)	Measurement & Geometry Symmetry Slide & Turns (VCMMG144) (VCMMG145)	Financial Maths Solve problems involving purchases (VCMNA160)	Financial Maths Financial Plans (VCMNA191)	Number & Place Value Division Inverse (VCMNA209) (VCMNA221)	Real Numbers Ratios (VCMNA249) Competency based Assessment	Measurement & Geometry Duration & 24hr Time (VCMMG290)	Measurement & Geometry Scientific Notation (VCMMG315) (VCMNA303)
9	Benchmark A Facts to 10 Friendly Numbers Rainbow Facts (VCMNA073)	Benchmark C, D Facts to 18 Associative Law Rainbow Facts (VCMNA089)					Statistics & Probability Chance (VCMSP232) (VCMSP233)			
10			Revision Money Equivalence Capacity & Volume		Benchmark H Multiplication Facts 3, 6, 12	Benchmark J, I Multiply by 25 Divisibility (VCMNA185)				Exam
11	Assessment Recording progress on Foundation Benchmarks	Assessment Recording progress on Level 1 Benchmarks	Assessment Mental Strategies (Benchmarks C,D,E,F)	Assessment Mental Strategies (Benchmarks E,F,G,H)	Mental Strategies (Benchmark H) Multiplication facts 3, 6, 12	Assessment Mental Strategies (Benchmarks J,I)	Mental Strategies (Benchmark H) Multiplication facts 7, 9, 12	Semester Assessment Short Answer & Extended Answer Questions	Exam Revision & Exams	Exit project (Portfolio)

Last Updated: 8 September 2018

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 A-S will be based on the Truganina College Efficient Mental Strategies

Week 8 is post assessment week. All assessments to be completed by Friday of Week 8. Results the following Monday.

KEY



Content Assessed in Pre/Post Test

Compass Learning Tasks

Benchmark Assessments