



DURATION OF SUBJECT	FULL YEAR
FINANCIAL COMMITMENT	REFER TO FEE SCHEDULE
COURSE REQUIREMENTS	Students require an approved scientific calculator in this subject.
COURSE CONTENT	
UNIT 1	ASSESSMENT
Students investigate the relationship between index laws, square numbers and square roots. Students explore fractions, decimals and percentages and use them to solve problems	Exam
UNIT 2	ASSESSMENT
Students investigate area and volume and use formulas to solve problems. Students apply percentages and ratios to make decisions about best buys.	Exam
UNIT 3	ASSESSMENT
Students investigate transformations of 2D shapes in the Cartesian plane. Students explore simple probability and investigate data collection and representations to find mean, median and mode	Assignment & Exam
UNIT 4	ASSESSMENT
Students explore algebraic expressions, to be able to represent situations with variables. Students solve simple linear equations.	Exam
CAREER PATHWAYS	
Mathematics helps us develop analytical and reasoning skills. Reasoning is the ability to think logically about a situation. Analytical and reasoning skills are valuable because they help us solve problems and look for solutions. Many future careers will require sound mathematical, analytical, and reasoning skills.	
FIND OUT MORE	
AUSTRALIAN CURRICULUM https://www.australiancurriculum.edu.au/f-10-curriculum/mathematics/	
In the following videos, people talk about how Maths has helped them with their jobs:	
Mathematics in the NRL	https://youtu.be/BilJ10URb1I
Mathematics in Nursing	https://youtu.be/w3vAj57UCwI
Mathematics in Teaching	https://youtu.be/LgEV11KqPAk