MATHEMATICS Year 10

Students participate in either General Mathematics OR Mathematical Methods

GENERAL MATHEMATICS

Number and algeber Measurement and Statistics and probabilists will study 4 units Statistics and Data Algebra and Function Trigonometry and Measurement and Measurement and ar 11	s within the 3 content strar pra geometry ability of work: ions Algebra Matrices		
Measurement and Statistics and probants will study 4 units Statistics and Data Algebra and Funct Trigonometry and Measurement and Measurement and ar 11	geometry ability of work: ions Algebra Matrices	nematics may choose General	
Statistics and Data Algebra and Funct Trigonometry and Measurement and ar 11	ions Algebra Matrices	nematics may choose General	
Students will study 4 units of work: Statistics and Data Algebra and Functions Trigonometry and Algebra Measurement and Matrices In year 11 Students who achieve a C or higher in General Mathematics may choose General Mathematics. Studying General Mathematics does not meet the prerequisite for Year 11 Mathematical Methods			
Students will be assessed by a Problem Solving Modelling Task and Semester Exam in each semester.			
30 min homework, 3 times a week. Completion of key assessment task work			
Students must have a scientific calculator (Casio fx82AU plus II) to complete this course successfully.			
eauty Therapist rimary School eacher omputer Operator ank Officer abourer	Secondary School Teacher Credit Manager Bookkeeper Hairdresser Hospitality/Tourism		
Use opportunities to promote basic numeracy – calculating costs, measuring volumes, reading graphs in media reports. Monitor the completion of homework and assessment tasks.			
	n homework, 3 times pletion of key assessnants must have a scient ssfully. Itter and Turner eauty Therapist rimary School eacher computer Operator ank Officer abourer ecceptionist pportunities to promines, reading graphs in	n homework, 3 times a week. pletion of key assessment task work nts must have a scientific calculator (Casio fx82/ssfully. Itter and Turner Peauty Therapist Fimary School Peacher P	

MATHEMATICAL METHODS

STATUS:	Students will be allocated to Essential Mathematics, General Mathematics or Mathematical Methods based on year 9 data including achievement levels. Parents should contact the HOD if a subject change is required.			
COURSE OVERVIEW:	This subject supports students in developing their understanding, fluency, problem solving and reasoning skills within the 3 content strands: • Number and algebra • Measurement and geometry • Statistics and probability			
	This course studies the 10 and 10A learning outcomes from the Australian Curriculum and is more rigorous than the Mathematics General Course.			
COURSE OUTLINE:	Students will study 4 units of work: Statistics and Data Algebra and Functions Trigonometry and Algebra Calculus, Measurement and Functions In year 11 Students who achieve a B or higher in Math Methods can choose Mathematical Methods Students choosing Mathematical Methods may also choose Specialist Mathematics.			
COURSE ASSESSMENT:	Students will be assessed by a Problem Solving Modelling Task and Semester Exam in each semester.			
STUDY REQUIREMENTS:	30 min homework per night Completion of key assessment task work			
SPECIAL REQUIREMENTS:	Students must have a scientific calculator (Casio fx82AU plus II) to complete this course successfully.			
POSSIBLE CAREER PATHWAYS:	Fitter and Turner Beauty Therapist Primary School Teacher Computer Operator Bank Officer Labourer Receptionist	Secondary School Teacher Credit Manager Bookkeeper Hairdresser Hospitality/Tourism Medicine Finance	Statistician Economics Physics Mathematics Engineering Sports Science Science Analyst	
PARENT/CARER SUPPORT:	Use opportunities to promote basic numeracy – calculating costs, measuring volumes, reading graphs in media reports. Monitor the completion of homework and assessment tasks.			