



# Mathematics

**Mathematics**

**Mathematics Extension I**

**General Mathematics 2**



## HSC Assessment Schedule 2019



### COURSE: MATHEMATICS EXTENSION 1

Task Number	1	2	3	
Task Date	Term 1 2019 Weeks 6 and 7	Term 2 2019 Weeks 8 and 9	Term 3 2019 Weeks 3 – 5	
Content Area	Combinations and Permutations, Parametric Representation of the Parabola, Further Curve Sketching, Estimation of Roots, Mathematical Induction, Binomial Theorem and Binomial Probability.	Previous Topics plus Integration, Trigonometric Functions, Inverse Functions, Applications of Calculus to the Physical World.	All Topics	
Task Type	Class Test	In-class Assignment plus Consolidating In-class task	Trial HSC Examination	
Outcomes	PE3, PE4, HE1, HE2, HE3, HE6, HE7	HE1, HE2, HE3, HE4, HE5, HE6, HE7	PE2 to PE5 HE1 to HE7	
ASSESSMENT COMPONENTS				Syllabus Weighting
Concepts, skills and techniques	15	15	20	50
Reasoning and Communication	15	15	20	50
<b>Task Weighting</b>	<b>30</b>	<b>30</b>	<b>40</b>	<b>100</b>

## HSC Assessment Schedule 2019



### COURSE: MATHEMATICS STANDARD 2

Task Number	1	2	3	4	
Task Date	Term 4 2018 Week 7	Term 1 2019 Week 6	Term 2 2019 Week 6	Term 3 2019 Weeks 3 – 5	
Content Area	Algebra: Simultaneous Linear Equations	Networks: Introduction to Networks Financial Mathematics Investment and Depreciation	Measurement: Non-Right Angled Trigonometry	All Topics	
Task Type	Investigation task	In-class Test	Assignment	Trial HSC Examination	
Outcomes	MS2-12-1,MS2-12-6, MS2-12-9	MS2-12-1,MS2-12-5, MS2-12-6, MS2-12-9, MS2-12-10	MS2-12-3, MS2-12-4, MS2-12-9 MS2-12-10	MS2-12-1, MS2-12-2, MS2-12-3, MS2-12-4, MS2-12-5, MS2-12-6, MS2-12-7, MS2-12-8, MS2 -12-9,MS2-12-10	
ASSESSMENT COMPONENTS					Syllabus Weighting
Understanding Fluency and Communication	10	12.5	10	17.5	50
Problem Solving, Reasoning and Justification	10	12.5	10	17.5	50
<b>Task Weighting</b>	<b>20</b>	<b>25</b>	<b>20</b>	<b>35</b>	<b>100</b>