



JOHN EDMONDSON HIGH SCHOOL

Assessment Notification

Faculty: Mathematics Course: Mathematics Extension 1 Year: 12

Assessment Task: 3 HSC Trial Examination

Assessment Weighting: 30% Due: Term 3, Weeks 3 & 4

Task Type: Hand in Task In Class Task Practical Task

Outcomes Assessed (NESA)
ME11-1 to ME11-7 (Year 11 Preliminary Mathematics Extension 1) ME12-1 to ME12-8 (Year 12 Mathematics Extension 1) Excluding ME-S1 (binomial distribution) Please Note: Further information about these outcome codes can be found on the NESA Website
Task Description/Overview
This formal examination will consist of multiple choice and short answer questions A Mathematics Standard 2 Reference Sheet will be provided Time allowed: 2 hours plus 10 minutes reading time Venue: School Hall Equipment Required: Black Pen(s), a NESA approved calculator and ruler
Assessment Task Description
Topics to be assessed will be: Y11 <ul style="list-style-type: none">▪ Functions (inequalities)▪ Polynomials▪ Graphing Functions▪ Combinatorics▪ Inverse Functions▪ Trigonometric Functions▪ Rates of Change and their application Y12 <ul style="list-style-type: none">▪ Trigonometric Equations▪ Proof by Mathematical Induction▪ Vectors▪ Applications of Calculus▪ Differential Equations Please Note: More detailed topic overviews are published on CANVAS The Year 11 Preliminary Mathematics Extension and Year 12 Mathematics Advanced courses will be assumed knowledge and may be examined.

Examination Structure	
Section Description	Marks Available
Section 1 10 Multiple Choice Questions	10
Section 2 Short Answer Questions	60
Total marks for this task	70

Satisfactory completion of courses

A course has been satisfactorily completed when the student has:

- Followed the course developed/endorsed by the NSW Educational Standards Authority (NESA)
- Applied himself/herself with diligence and sustained effort to the set tasks and experiences provided in the course.
- Achieved some or all of the course outcomes