



JOHN EDMONDSON HIGH SCHOOL

Assessment Notification

Faculty: Mathematics Course: Year 10 Mathematics 5.3 Year: 10

Assessment Task: 3

Assessment Weighting: 20% Due: Term 3, Week 4 Date: Friday 16 August 2024

Task Type: Hand in Task In Class Task Practical Task

Outcomes assessed (NESA)
MA5.3-1WM, MA5.3-2WM, MA5.3-3WM; MA5.1-6NA, MA5.2-9NA, MA5.3-8NA; MA5.2-11MG, MA5.2-12MG, MA5.3-13MG, MA5.3-14MG
Please Note: Further information about these outcome codes can be found on the NESA Website.
Task Description/Overview
This in class written examination will consist of short answer questions. No reference material is allowed during the examination. Time allowed: 45 Minutes (within 1 Period) Equipment Required: Black Pen(s) and a NESA approved calculator.
Detailed Assessment Task Description - Students may be asked questions relating to:
Linear Relationships: sketching linear functions using different methods (table of values, x and y intercept, using gradient / y intercept), determining the midpoint, length and gradient of an interval from both a diagram and using formulas, expressing the equation of a line in gradient intercept form and general form, determining the equation of a line given gradient and y-intercept and vice versa, determining the equation of a line given a point and gradient, determining the equation of a line given two points and solving problems involving parallel and perpendicular lines.
Area, Surface Area and Volume: calculating the surface area and volume of prisms, cylinders, pyramids, cones, spheres and composite solids, converting metric units of capacity and volume and solving problems with similarity involving areas and volumes.
Please Note: More detailed topic overviews are published on CANVAS.

Test/Examination Structure	
Section Description	Marks Available
Linear Relationships	25
Area, Surface Area and Volume	25
Total Marks for this task	50

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.