

Year 11 – 2024
MATHEMATICS STANDARD
M EAGLES



Task Number: 3
Weight: 30%

Notification Date: 6/6/24
Due Date: Term 3 Week 9-10
as per examination timetable

OUTCOMES ASSESSED

- MS11-1** uses algebraic and graphical techniques to compare alternative solutions to contextual problems
- MS11-2** represents information in symbolic, graphical and tabular form
- MS11-3** solves problems involving quantity measurement, including accuracy and the choice of relevant units
- MS11-4** performs calculations in relation to two-dimensional and three-dimensional figures
- MS11-5** models relevant financial situations using appropriate tools
- MS11-6** makes predictions about everyday situations based on simple mathematical models
- MS11-7** develops and carries out simple statistical processes to answer questions posed
- MS11-8** solves probability problems involving multistage events
- MS11-9** uses appropriate technology to investigate, organise and interpret information in a range of contexts
- MS11-10** justifies a response to a given problem using appropriate mathematical terminology and/or calculations

TASK DESCRIPTION

This task is a formal examination and will involve students answering questions based around the course outcomes and topics involving data, financial mathematics, measurement, time, depreciation, interest, linear relationships, probability, algebra and practical applications. Students may need to problem solving, graph/tabulate, undertake mathematical calculations as well as using the NESA verbs to answer questions.

TASK INSTRUCTION

This task is a formal examination with length of **2 hours plus 5 minutes reading time**. Students will not be able to borrow any equipment during the examination. They will need to bring a pen, pencil, ruler, NESA approved calculator and an eraser.
 Refer to your Year 11 Assessment Schedule 2024 booklet for examination terms and conditions.

MARKING GUIDELINES

The examination will consist of Section I multiple choice and Section II written response. Marks allocated will be next to each question.

Task Mark	Task Rank	Cumulative Rank

Teacher's signature: _____ Head Teacher's signature _____ DP's signature _____