

Year 12 – 2023/2024
MATHEMATICS STANDARD 2
D.GOUVOUSSIS



Task Number: 3
Weight: 25%

Notification Date: Thursday 13th June 2024
Due Date: Thursday 27th June 2024
Periods 1 and 2 Must be handed in at the end the double lesson

OUTCOMES ASSESSED

MS2-12-1 uses algebraic and graphical techniques to evaluate and construct arguments in a range of familiar and unfamiliar contexts.

MS2-12-2 analyses representations of data in order to make predictions and draw conclusions.

MS2-12-3 interprets the results of measurements and calculations and makes judgements about their reasonableness, including the degree of accuracy and the conversion of units where appropriate.

MS2-12-4 analyses simple two-dimensional and three-dimensional models to solve practical problems.

MS2-12-6 solves problems by representing the relationships between changing quantities in algebraic and graphical forms.

MS2-12-7 solves problems requiring statistical processes, including the use of the normal distribution and the correlation of bivariate data.

MS2-12-9 chooses and uses appropriate technology effectively in a range of contexts and applies critical thinking to recognise appropriate times and methods for such use.

MS2-12-10 uses mathematical argument and reasoning to evaluate conclusions, communicating a position clearly to others and justifying a response.

TASK DESCRIPTION

Students will undertake a series of unseen questions related to Non-right angled trigonometry, Simultaneous Linear equations and Bi-variate data analysis.

TASK INSTRUCTION

Students will need to hand in their response at the end of the double lesson on Thursday 27th June 2024. The topics being assessed are:

- Chapter 4 – Non-right angled trigonometry
- Chapter 5 – Simultaneous linear equations
- Chapter 6 – Bi-variate data analysis

During the assessment task, students will not be able to interact with other students or utilise any technology other than a NESA approved scientific calculator. Mobile phones cannot be used as a calculator during the task.

This is an in-class task. Students can prepare for the task by ensuring they are up to date with coursework, have worked examples for the different types of questions in their workbook, attempting end of chapter review questions and sought clarification from their teacher in class.

MARKING GUIDELINES

Marks will be allocated next to each question. Full marks cannot be achieved without showing working apart from 1-mark questions. The questions will be grouped into each topic area.

Task Mark	Task Rank	Cumulative Rank

Teacher's signature: _____

DP's signature: _____

Head Teacher's signature: _____