



HSC Mathematics Standard 2 2021

Assessment Notification: Task 4 Topics Exam

Task Date: Term 3 Week 6 – Wednesday 18.8.2021

Duration: 55 minutes – In class test.

Assessment Weighting: 25 %

Content:

Year 11 content is assumed knowledge

MS – S5 The Normal Distribution

MS – A4 – A4.2 Non-linear relationships

Outcomes:

MS2-12-2

Analyses representations of data in order to make inferences, predictions and draw conclusions.

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.

MS2-12-10

Uses mathematical argument and reasoning to evaluate conclusions, communicating a position clearly to others and justifying a response

Recommended preparation:

The in-class test will contain some “seen” and some “unseen” questions. Complete the questions from the attached list. Please note: **Some of these questions will be in the test.**

Complete the chapter summaries from the text book and challenge questions from exercises in Cambridge. (Chapters 8 and 9).

Remember, you will be issued with a formula sheet in the examination, **use one when you are studying.**

Use the NESAs website to complete past examination style questions. Complete all other revision activities as provided by your teachers. Make sure you have your calculator with you for every study session and every lesson.

Format of the test:

The test will contain:

5 Multiple choice questions

Longer Questions, worth a total of 35 marks.