



<b>Task Number</b>	2	<b>Task Name</b>	Test from a bank of questions
<b>Course</b>	Mathematics Standard 2	<b>Faculty</b>	Mathematics
<b>Teacher</b>	Ms Tyson	<b>Head Teacher</b>	Ms Humphrys
<b>Issue date</b>	21st February 2025	<b>Due date</b>	7th March 2025
<b>Focus (Topic)</b>	Bivariate Data Normal Distribution	<b>Task Weighting</b>	20%

### **Outcomes**

MS-12-2 analyses representations of data in order to make predictions and draw conclusions  
MS-12-7 solves problems requiring statistical processes, including the use of the normal distribution and the correlation of bivariate data  
MS-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  
MS-12-10 uses mathematical argument and reasoning to evaluate conclusions, communicating a position clearly to others and justifying a response

### **Task description**

This task requires students to sit a test comprised of questions randomly selected from a published bank of questions. The bank of questions will be available to the students prior to the test, given to the students along with the assessment notification and available on the Google Classroom code: q56qc4x.

Students will complete the test in class during period 6 on **Friday 7th March 2025**. The test will take one period. No technology other than NESA approved calculators may be used.

### **Marking Guidelines**

The question bank contains a mix of multiple choice questions and short answer questions. The test will consist of a random selection of the questions from the question bank. Students will be assessed on all working and answers required to successfully answer the questions