

Assessment Notification



<i>Course</i>	Year 9 Mathematics (Pathways A and B)
<i>Task</i>	1
<i>Date and time</i>	In 4 lessons during weeks 8 and 9 (M 20/3/17 to W 29/3/17)
<i>Time allowed</i>	The entire of each lesson, if it is required
<i>Weighting</i>	15%
<i>Nature of task</i>	Progressive Task, ie. 4 activities which build on each other. Activities are worked on in pairs and responses submitted via Seesaw
<i>Topics and outcomes</i>	Probability & Statistics <i>Outcomes –</i> <ul style="list-style-type: none">• <i>MA5.3-2WM Generalises mathematical ideas and techniques to analyse and solve problems efficiently</i>• <i>MA5.2-17SP Describes and calculates probabilities in multi-step chance experiments</i>• <i>MA 5.1-12SP Uses statistical displays to compare sets of data, and evaluates statistical claims in the media</i>
<i>Course text</i>	*Signpost Mathematics 9, 5.1-5.3

Topics content and text references

Probability (Chapter 4)

Students can be asked to:

- Create a lattice diagram to describe a two-step event
- Create a tree diagram to describe a three-step event
- Use tree diagrams and lattice diagrams to calculate probabilities
- Use understanding of probabilities to devise strategies

Statistics (Chapter 14)

Students can be asked to:

- Construct frequency distribution tables
- Construct a spreadsheet, including using its calculation capacity
- Construct frequency histograms, either manually or via a spreadsheet
- Interpret graphs

Preparation

- Make sure you bring your iPad and that it has either Excel or Numbers already downloaded
- Write summary notes of the topics listed above
- Study the outcomes listed above using the text references and other resources provided
- It is your responsibility to bring all required equipment to the assessment (iPad, earphones, exercise book, calculator, pen)