

Mathematics	Topic: Probability
Term 2 2018	Year 10

Lesson Plan

Week 9: Wednesday, Lessons 5-6 (80 mins)

Topic Details Tree diagrams, venn diagrams, and two-way tables. Intersections and unions. The addition rule. Conditional probabilities, and independence.	Previous lesson (prior knowledge) This is the first lesson of the new topic.
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Learning Intentions

Students will:

- Know how to interpret tree diagrams, venn diagrams, and two-way tables.
- Be able to calculate probabilities based on frequencies: number of items that satisfy the condition divided by the total number of items.

Extension:

- Be aware of the concepts of the addition rule.
- Be aware of the concept of conditional probabilities.

Time (mins)	Teacher Activity	Student Activity	Resources
5-7	Taking the role, meeting the new students.	Introducing themselves to me, etc.	
10min	Observing students work	Doing pre-test.	pre-test.
10min	Handing out solutions to pre-test	Checking answers to pre-test.	pre-test solutions.
10min	Going through solutions to pre-test on the	Sitting, listening, participating by offering which	pre-test solutions

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	board, while introducing basic concepts: tree diagrams, venn diagrams, and two-way tables. Intersections and Unions.	problems were particularly problematic.	
40min	Hand out worksheets, provide one-on-one support.	Working on worksheets.	Worksheets.

Evaluation/Assessment

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