

PICTON HIGH SCHOOL

Creating Opportunities Achieving Success



Year 12 Mathematics Extension 1 Assessment Task 1 Notification

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| Due Date: Wednesday 6 th March 2024 (T1W6) | Assessment Name: Open Book Assessment |
| Mark: 25 | Weighting: 20% |

TASK DESCRIPTION:

You will complete a 50-minute open book exam during class time. An open book exam allows you to bring in your exercise book to look over while you are in the exam. This exam may cover the topics of:

1. Vectors
2. Proof (Mathematical Induction)

SYLLABUS OUTCOMES TO BE ASSESSED:

ME12-1 applies techniques involving proof or calculus to model and solve problems.

ME12-2 applies concepts and techniques involving vectors and projectiles to solve problems.

ME12-7 evaluates and justifies conclusions, communicating a position clearly in appropriate mathematical forms.

DIRECTIVES TO BE ASSESSED:

Apply: To use relevant information and skills for a given situation.

Communicate: To choose the correct way to give a mathematical answer.

Evaluate: To make a judgement based on criteria; determine the value of.

Justify: To provide evidence to support your solution.

Solve: To manipulate something for a particular purpose to find the answer for mathematical problems.

ASSESSMENT CRITERIA AND STUDENT CHECKLIST

Have you:

- Purchased a calculator?
- Ensured you have completed all class work?
- Written all content in your exercise book?
- Contacted your teacher for additional explanation and/or to answer questions as needed?