



# MOUNT ANNAN HIGH SCHOOL ASSESSMENT TASK NOTIFICATION

| Year 10 Stage 5                         |  |
|---|--|
| <b>Subject:</b> Year 10 5.2 Mathematics | <b>Focus Areas:</b> Interest and Depreciation                    |
| <b>Weighting:</b> 25%                   | <b>Date of Task:</b> 22/3/24                                     |
| <b>Task No.:</b> 1                      | <b>Type of Task:</b> In-class examination & Mathsplace Component |

## Outcomes addressed

A student:

|                  |   |
|------------------|---|
| <b>MA5.2-4NA</b> | solves financial problems involving compound interest   |
| <b>MA5.2-1WM</b> | selects appropriate notations and conventions to communicate mathematical ideas and solutions                     |
| <b>MA5.2-2WM</b> | interprets mathematical or real-life situations, systematically applying appropriate strategies to solve problems |

**Assessment Policy-** *This is a brief outline, you must check your assessment booklet for further details. Assessment task must be submitted on the due date.*

- **Failure to complete an assessment task will result in a zero mark.**
- Late submission of assessment items **will be awarded zero** unless there are very extenuating circumstances (Doctor's Certificate, etc.)
- Students found guilty of malpractice will be awarded a zero mark. If a piece of work is incomplete at the time of submission, it should be submitted as is, and you will be given a mark on what has been completed.
- See their teacher or head teacher on the **first day they return** back to school

**Please see page 2 for specific information**



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## Specific task information as needed:

|                                  |  |
|----------------------------------|--|
| <b>What will task look like:</b> | <ul style="list-style-type: none"><li><input type="checkbox"/> A Mathspace task titled "Assessment Task 1" will be posted on Mathspace to complete before the due date (15/3/24)</li><li><input type="checkbox"/> The in class examination will consist of short answer questions</li><li><input type="checkbox"/> You need to answer all the questions. ALL working must be shown.</li><li><input type="checkbox"/> You may bring a <b>hand-written</b> reference sheet (a double sided A4 page)</li><li><input type="checkbox"/> A NESA approved scientific calculator is needed to complete your test</li></ul>   |
| <b>What could be in the task</b> | <p style="text-align: center;"><b>This assessment task will assess your knowledge of the following topics:</b></p> <p>Interest and Depreciation:</p> <ol style="list-style-type: none"><li><b>1</b> Simple Interest</li><li><b>2</b> Simple interest 2 (Finding P, R or N)</li><li><b>3</b> Compound interest as a repeated application of simple interest</li><li><b>4</b> Compound interest formula</li><li><b>5</b> Compound interest with different compounding periods</li><li><b>6</b> Calculating P and r in compound interest</li><li><b>7</b> Use guess and check to calculate n in compound interest</li><li><b>8</b> Comparing compound and simple interest</li><li><b>9</b> Term payments</li><li><b>10</b> Depreciation</li></ol> |