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Orange High School

Honour the Past, Create the Future

Higher School Certificate Assessment Task Notification

Subject: Mathematics Standard 1	**Assessment Task Title:** In class task with notes
Year: 12	**Assessment Weighting:** 25%
Teacher: Mrs Sood	**Date Distributed:** WEEK 7 - **Tuesday 12th March, 2024**
Assessment Task Number: 2	**Date Due:** WEEK 9 – **Tuesday 26th March, 2024**

All Higher School Certificate Assessment Tasks, other than in-class tasks, must be handed in at the library between 8.30am and 8.55am (before the first morning bell) on the due date. Zero marks if the Assessment Task is submitted late, unless an Illness/ Misadventure or application for extension form has been submitted.

You can be assessed on any of the following Year 12 Standard 1 Mathematics concepts.
You will have **55 minutes** to complete this task.

Investments and Loans	Right-Angled Triangles
• Simple Interest • Simple Interest Graphs • Compound Interest – Future Value • Compound Interest – Present Value • Compound Interest Graphs • Appreciation and Inflation • Declining Balance Depreciation • Reducing Balance Loans • Credit Cards	• Pythagoras' Theorem • Trigonometric Ratios • Using the Calculator in Trigonometry • Finding an Unknown Side • Finding an Unknown Angle • Solving Practical Problems • Angles of Elevation and Depression • Compass and True Bearings

Materials:

➢ You will be provided with the Standard 1 NESA Formula Sheet.
➢ You are permitted to bring in a **double-sided hand-written sheet of notes** to use during your task.
➢ Please bring a calculator.
➢ Black pen must be used in HSC tasks.

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Syllabus Outcomes:
Investments and Loans - MS1-12-5, MS1-12-10
Right-Angled Triangles - MS1-12-3, MS1-12-4, MS1-12-10

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Assessment Criteria/Marking Rubric:
Marks for each question will be clearly shown next to each question in the test paper.
Your double-sided hand-written notes will be collected at the end of the examination. This will <u>not</u> be marked.

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