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Orange High School

Honour the Past, Create the Future

Higher School Certificate Assessment Task Notification

Subject: Mathematics Standard 2 **Year:** Year 12 - HSC **Teachers:** Stevenson, Oh, Brown and Sood

Assessment Task Number (As per Assessment Policy booklet): 2

Assessment Task Title: In Class Test

Assessment Weighting: 25%

Date Distributed: Monday 14 March, 2022 **Date Due:** Monday 28 March, 2022 (Week 10, Term 1)

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.

Comments by Teacher: (in class test – 90 minutes)

This assessment will be focused on the following outcomes (textbook references are from Cambridge Maths):

Bivariate Data Analysis	Investments and Loans	Non-right angled trigonometry	Simultaneous Linear Equations
<ul style="list-style-type: none">Line of best fit 6DInterpolation and Extrapolation 6EStatistical Investigation 6FCausality 6F	<ul style="list-style-type: none">Future value 3AInterest graphs 3BAppreciation and inflation 3CShares and Dividends 3DDeclining Balance Method 3EReducing Balance Loans 3FCredit cards 3G, 3H, 3I	<ul style="list-style-type: none">Right-angled trigonometry 4AAngles of elevation and depression 4BCompass and true bearings 4CArea of a triangle 4EThe sine rule 4FThe cosine rule 4GProblem solving using non-right angled trigonometry 4HRadial surveys 4I	<ul style="list-style-type: none">Graphing from a table of values and gradient-intercept form 5ALinear modelling 5B

The **NESA Standard Mathematics Reference Sheet** will be provided at the back of the examination.

Students need to bring: pens, pencils, a ruler, an eraser and a **NESA approved** scientific calculator.

Activities such as work placement, sporting commitments, excursions, etc. do not provide grounds for completing the task late unless exceptional circumstances exist:

- Students need to communicate with the Head Teacher to organise a time to complete the task before the test date, not after.
- Documentation for the change of date needs to be completed before the test.

Syllabus Outcomes:

MS2 - 12-1, MS2 - 12-2, MS2 - 12-3, MS2 - 12-4, MS2 - 12-5, MS2 - 12-7, MS2 - 12-9, MS2 - 12-10

Assessment Criteria/Marking Rubric:

Marks for each question will be clearly shown next to each question in the test paper.

