



Woodward Street  
PO Box 654, Orange NSW 2800  
P (02) 6362 3444  
F (02) 6361 3616  
www.orange-h.schools.nsw.edu.au

Orange High School

Honour the Past, Create the Future

## Higher School Certificate Assessment Task Notification

**Subject:** Mathematics Standard 2

**Year:** Year 12 Standard 2

**Teachers:** Stevenson, Harrison, Brown, Sood, Johnston

**Assessment Task Number (As per Assessment Policy booklet):** 1

**Assessment Task Title:** In-Class Test

**Assessment Weighting:** 20%

**Date Distributed:** Tuesday 2<sup>nd</sup> November, 2021

**Date Due:** Monday 15<sup>th</sup> November, 2021 (**Week 7, Term 4**)

*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 – single period)

This assessment will be focused on the following topics:

#### Budget

- Household Bills
- Preparing a Personal Budget
- Purchasing a Car
- Car Insurance
- Stamp Duty and Registration
- Running and Maintenance Costs

#### Rates & Ratios

- Rates, Concentrations & Unit Pricing
- Heart Rate & Energy Rate
- Capture Recapture
- Ratios & Dividing into a Given Ratio
- Scale Drawings
- Plans and Elevations
- Using scale drawings to estimate perimeter, area and volume

#### Bivariate Data Analysis

- Bivariate Scatterplots
- Independent and Dependent Variables
- Pearson's Correlation Coefficient

A **NESA formula sheet** will be provided at the back of the examination paper.

### Syllabus Outcomes:

MS11-5, MS11-6, MS1-12-3, MS2-12-2, MS2-12-7

### Assessment Criteria/Marking Rubric:

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