



ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

Subject	Year 12 Standard 2 Mathematics
Topic	Task 2 – In Class Test With Notes
Class Teacher	Mr. Mages, Mr. Lummis, Ms. Harris
Head Teacher	Ms Stevenson
Year	12MAG01, 12MAG02, 12MAG03
Date Given	Week 8, Term 1 2019
Date Due	Week 10, Term 1 2019
Weighting	25%

Assessment Outline

Notes are limited to 1 x A4 double sided hand written sheet

In Class Test With Notes – 1 period

- Bivariate Data Analysis
 - Scatterplots (constructing, direction, strength, independent/dependent variables)
 - Correlation Coefficient
 - Line of Best Fit
 - Interpolation and Extrapolation
 - Statistical Investigation (steps and causality)

- Investments and Loans
 - Future Value
 - Interests Graphs
 - Appreciation and Inflation
 - Shares and Dividends
 - Declining-Balance Method
 - Reducing Balance Loans
 - Credit Cards (statements, fees, charges, usage)

- Non-Right Angled Trigonometry
 - Right-Angled Trigonometry
 - Angles of Elevation and Depression
 - Compass and True Bearings
 - Trigonometry with Obtuse Angles
 - Area of a Triangle
 - Sine Rule
 - Cosine Rule
 - Radial Survey

- Simultaneous Linear Equations
 - Graphing from a Table of Values and Gradient-Intercept Form
 - Applications of Linear Functions/Linear Modelling
 - Direct Variation
 - Simultaneous Equations (Graphical, Substitution and Elimination Methods)
 - Break-Even Analysis
 - Using Simultaneous Linear Equations to solve practical problems

Non-completion of Task:

If you know you are going to be away on the day that the task is due, you must make alternative arrangements with your teacher beforehand. If you are suddenly away on the day that the task is due, you must contact your teacher or Head Teacher on your return to school. Documentation will be required in both cases.

Plagiarism:

Plagiarism, the using of the work of others without acknowledgement, will incur serious penalties and may result in a zero award. Any cheating will also incur penalties.

Failure to follow the above procedures may result in a zero award.

The policies and procedures that are outlined on the ROSA booklet will be followed regarding the non-completion of assessment tasks.

Outcomes Assessed

MS2-12-1 uses detailed algebraic and graphical techniques to critically evaluate and construct arguments in a range of familiar and unfamiliar contexts

MS2-12-2 analyses representations of data in order to make inferences, predictions and draw conclusions

MS2-12-3 interprets the results of measurements and calculations and makes judgements about their reasonableness, including the degree of accuracy and the conversion of units where appropriate

MS2-12-4 analyses two-dimensional and three-dimensional models to solve practical problems

MS2-12-5 makes informed decisions about financial situations, including annuities and loan repayments

MS2-12-6 solves problems by representing the relationships between changing quantities in algebraic and graphical forms

MS2-12-7 solves problems requiring statistical processes, including the use of the normal distribution, and the correlation of bivariate data

MS2-12-10 uses mathematical argument and reasoning to evaluate conclusions, communicating a position clearly to others and justifying a response