



ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

Subject	Year 9 5.3 Mathematics
Topic	Task 2 – Mid Course Examination
Class Teacher	Mrs Arnott, Mrs Edwards, Mr Benson
Head Teacher	Ms Stevenson
Year	9MA1, 9MA2
Date Given	Friday 13 th May, Week 3, Term 2 2022
Date Due	Friday 27 th May, Week 5, Term 2 2022
Weighting	25%

Assessment Outline

In Class Examination – Double Period

- Financial Mathematics
 - Percentage of an amount, percentage increase and decrease, unitary method, percentage profit/loss, salaries and wages, overtime, commission, piecework, annual leave loading, calculating taxable income, income tax, Medicare levy, simple interest (annual and non-annual), compound interest (annual and non-annual), depreciation
- Expressions, Equations and Inequalities
 - Terminology, writing expression from words, substitution, adding and subtracting like terms, multiplying and dividing terms, expanding brackets, solving equations, equations with pronumerals on both sides, equations with brackets, equations with fractions, quadratic equations, formulas, worded problems, solving and graphing inequalities, solving simultaneous equations – graphically, substitution and elimination, worded simultaneous problems
- Properties of Geometrical Figures
 - Angles & triangles, parallel lines, quadrilaterals, polygons including interior and exterior angles, congruence tests, congruent proofs

Items required:

- **Calculator**
- **Pen/s**

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 classes.

Plagiarism:

Plagiarism, the using of the work of others without acknowledgement will incur serious penalties and may result in 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

MA5.3-1WM uses and interprets formal definitions and generalisations when explaining solutions and/or conjectures

MA5.3-5NA selects and applies appropriate algebraic techniques to operate with algebraic expressions

MA5.3-7NA solves complex linear, quadratic, simple cubic and simultaneous equations, and rearranges literal equations

MA5.3-16MG proves triangles are similar, and uses formal geometric reasoning to establish properties of triangles and quadrilaterals

MA5.2-4NA solves financial problems involving compound interest