



ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

Subject	Mathematics
Topic	End of Course Examination
Class Teacher	Harrison, Lummis, Jones
Head Teacher	Ms Stevenson
Year	Year 10 5.1
Date Notification Given	Week 3 Term 4
Date of Examination	Week 5 Term 4
Weighting	35%

Assessment Outline

You will be tested on the following for TWO periods in class:

Semester 1 Content: Financial Mathematics, Measurement, Algebraic Expressions and Indices, Probability, Data.

Semester 2 Content:

- **Linear Relationships:** Plotting Points, Table of Values, Graphing Lines, Midpoint of an Interval, Gradient of a Straight Line, Distance Between Two Points, x and y-Intercepts, Gradient-Intercept Form, Parallel Lines.
- **Properties of Geometrical Figures:** Complementary, Supplementary, Vertically Opposite, Angles at a Point, Parallel Lines cut by a Transversal, Triangles – Types, Angles and Exterior Angles, Quadrilaterals – Types and Angle Sum, Polygons, Congruent Triangles, Similar Figures, Scale Factor, Similar Triangles, Scale Drawings.
- **Right-Angled Triangles:** Pythagoras' Theorem – Finding the Hypotenuse and Shorter Sides, Practical Applications of Pythagoras' Theorem, Trigonometric Ratios, Trigonometry – Finding the Missing Sides (Numerator and Denominator) and Missing Angles, Angles of Elevation and Depression.

Required Equipment: Blue or Black Pen, Pencil, Ruler and Calculator.

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

MA5.1-2WM selects and uses appropriate strategies to solve problems

MA5.1-6NA determines the midpoint, gradient and length of an interval, and graphs linear relationships

MA5.1-10MG applies trigonometry, given diagrams, to solve problems, including problems involving angles of elevation and depression

MA5.1-11MG describes and applies the properties of similar figures and scale drawings

