ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

Subject	Mathematics
Topic	Mid Course Examination
Class Teacher	Mrs Edwards and Ms Bulmer
Head Teacher	Mrs Edwards
Year	Year 9 5.3
Date Given	08/05/23 Week 3, Term 2
Date Due	22/05/23 Week 5, Term 2
Weighting	30%

Assessment Outline

In class examination – 1 Period
Topics assessed:

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

Properties of Geometrical Figures - Angles & triangles, parallel lines, quadrilaterals, polygons including interior and exterior angles, congruence tests, congruent proofs, similar figures, finding unknown sides in similar triangles, scale diagrams, similarity tests, similar triangle proofs, area of similar triangles

Expressions, Equations and Inequalities - Terminology, writing expression from words, substitution, adding and subtracting like terms, multiplying and dividing terms, expanding brackets, solving one and two step equations

Required equipment
- Black or Blue pen
- Calculators

Course Outcomes:
MA5.2 – 4NA: Solves financial problems involving compound interest.
MA5.3 – 5NA: Selects and applies appropriate algebraic techniques to operate with algebraic expressions
MA5.2 – 8NA: Solves linear and simple quadratic equations, linear inequalities and linear simultaneous equations, using analytical and graphical techniques.
MA5.3-7NA: Solves complex linear, quadratic, simple cubic and simultaneous equations, and rearranges literal equations.
MA5.1 – 11MG: Describes and applies the properties of similar figures and scale drawings
MA5.2 – 14MG: Calculates the angle sum of any polygon and uses minimum conditions to prove triangles are congruent or similar
MA5.3-16MG: proves triangles are similar, and uses formal geometric reasoning to establish properties of triangles ang quadrilaterals.

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.