



ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

Subject	Year 10 5.1 Mathematics
Topic	Mid Course Examination
Class Teacher	Mrs Edwards/Mr Benson, Ms Oh, Ms Kircher and Mr Lummis
Head Teacher	Ms Stevenson
Year	10 5.1
Date Given	Week 3, Term 2
Date Due	Week 5, Term 2 Wednesday 25/5/22
Weighting	25%

Assessment Outline

In class examination – 1 Period

- **Financial Mathematics** - Wages, Salaries, Leave Loading, Overtime, Piecework, Commission, Deductions, Taxation, Simple Interest, Compound Interest, Buying on Terms
- **Measurement** – Converting units of Measurement, Significant Figures, Scientific Notation, Perimeter, Pythagoras' Theorem, Area – Squares, Rectangles, Triangles, Trapeziums, Parallelograms, Kites, Rhombus', Circles and Sectors, Area of Composite Shapes, Surface Area, Volume of Prisms, Volume of Cylinders
- **Algebraic Expressions and Indices** - Terminology, Writing Algebraic Expressions, Substitution, Like Terms, Multiplication and Division of Algebraic Expressions, Expanding brackets, Factorising, Index Notation, Index Laws
- **Probability** – Language of Probability, Basic Probability, Venn Diagrams, Two Way Tables, Relative Frequency
- **Data** – Mean, Median, Mode and Range

Required Equipment

- Black or Blue Pen
- 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 in the examination:

MA5.1-NA solves financial problems involving earning, spending and investing money

MA5.1-5 NA operates with algebraic expressions involving positive- integer and zero indices, and establishes the meaning of negative indices for numerical bases

MA5.1-8MG calculates the areas of composite shapes and the surface areas of rectangular and triangular prisms

MA5.1-13SP calculates relative frequencies to estimate probabilities of simple and compound events.

MA5.1-12SP uses statistical displays to compare sets of data, and evaluates statistical claims made in the media