



ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

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|----------------------|--|
| Subject | Mathematics |
| Topics | Financial Mathematics, Expressions & Equations |
| Class Teacher | OH, LUMMIS, SOOD, BROWN |
| Head Teacher | STEVENSON |
| Year | 9 5.1 |
| Date Given | Week 3 – Friday 13/5/22 |
| Date Due | Week 5 – Friday 27/5/22 |
| Weighting | 25% |

Assessment Outline

1 SINGLE PERIOD In-Class Examination

Topics assessed:

| <u>Financial Mathematics</u> | <u>Expressions & Equations</u> | <u>Geometrical Figures</u> |
|---|---|---|
| -Converting to and from percentages -Writing a quantity as a percentage -Finding a percentage of a quantity -Percentage increase and decrease -Unitary Method -Percentage Profit and Loss -Calculating Salaries & Wages -Overtime (time-and-a-half & double time) -Commission -Piecework -Annual Leave Loading -Taxable income and Income Tax -Medicare Levy -Net income -Simple Interest | -Algebra and expressions -Substitution -Addition, Subtraction, Multiplication & Division of terms -Expanding brackets -Factorising Expressions -Solving 1 and 2-step equations -Equations with pronumerals on both sides -Formulas -Quadratic Equations | -Classifying, Measuring & Naming Angles -Supplementary & Complementary Angles -Angles at a Point -Vertically Opposite Angles -Angles on Parallel Lines -Classifying Triangles -Angle Sum of a Triangle -Exterior Angle of a Triangle |

Required equipment

- Black or Blue Pen or Pencil
- Eraser
- School Approved 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.

Course Outcomes

MA5.1-1WM uses appropriate terminology, diagrams and symbols in mathematical contexts

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

MA5.1-3WM provides reasoning to support conclusions that are appropriate to the context

MA5.1-4NA solves financial problems involving earning, spending and investing money

MA4-8NA generalises number properties to operate with algebraic expressions

MA4-10NA uses algebraic techniques to solve simple linear equations

MA5.2-8NA solves linear and simple quadratic equations

MA4-18MG identifies and uses angle relationships, including those related to transversals on sets of parallel lines

MA4-17MG classifies, describes and uses the properties of triangles and quadrilaterals, and determines congruent triangles to find unknown side lengths and angles