



ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

Subject	Mathematics
Topic	End of Course Examination – Topics listed below
Class Teacher	Lummis, Brown, Smith, Harrison, Routh
Head Teacher	Stevenson
Year	7
Date Given	Week 4, Term 4
Date Due	Week 6, Term 4
Weighting	45%

Assessment Outline

In-class examination – ONE period

Topics assessed:

Semester One Content

Computation with positive and negative integers: Place Value, Mental strategies (addition, subtraction, multiplication and division), Algorithms (addition, subtraction, multiplication and division), Estimating, Factors & Multiples (including highest common factor and lowest common multiple), Prime and Composite Numbers, Factor Trees, Index Notation (including squares and square roots, cube and cube roots), Order of Operations, The Number Line, Ordering Integers, Adding and Subtracting Negative Integers, Multiplying and Dividing Negative Integers.

Angle Relationships: Naming Angles, Classifying Angles, Measuring Angles, Adjacent Angles, Complementary and Supplementary Angles, Angles at a Point, Vertically Opposite Angles.

Probability: The Language of Chance, Sample Space, Theoretical Probability, Complementary Events, Compound Events, Two-way Tables, Venn Diagrams.

Understanding Fractions, Decimals and Percentages: Equivalent fractions, Simplifying fractions, Mixed numerals and improper fractions (converting), Comparing Fractions, Place Value in Decimals, Rounding Decimals, Percentages, Converting between fractions, decimals and percentages, Finding the percentage of an amount, Comparing one quantity as a percentage of another.

Semester Two Content

Time: Units of Time, Converting 24 Hour Time, Timetables, Time Zones.

Computations with Decimals and Fractions: Adding, Subtracting, Multiplying & Dividing Decimals, Adding, Subtracting, Multiplying & Dividing Fractions, Negative Fractions.

Algebraic Techniques: Terminology, Substitution, Equivalent Expressions, Like Terms, Multiplying & Dividing Terms, Expanding Brackets, Worded Problems, Number Patterns, Geometrical/Spatial Patterns.

Required equipment

- Black or Blue pen or pencil
- Protractor
- NO calculators are allowed

Course Outcomes:

- **MA4-4NA** compares, orders and calculates with integers, applying a range of strategies to aid computation
- **MA4-5NA** operates with fractions, decimals and percentages
- **MA4-8NA** generalises number properties to operate with algebraic expressions
- **MA4-15MG** performs calculations of time that involve mixed units, and interprets time zones
- **MA4-18MG** identifies and uses angle relationships
- **MA4-21SP** represents probabilities of simple and compound events

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.