



# ORANGE HIGH SCHOOL

## ASSESSMENT TASK NOTIFICATION

<b>Subject</b>	Mathematics
<b>Topic</b>	Task 1
<b>Class Teacher</b>	Miss Brown/Miss Bulmer, Mr Gurjar/Mrs Routh, Mr Benson, Mr Brown, Mr Robinson
<b>Head Teacher</b>	Mrs Edwards
<b>Year</b>	Year 7
<b>Date Given</b>	Week 2, Term 2 2024
<b>Date Due</b>	Week 4
<b>Weighting</b>	30%

### Assessment Outline

**Examination – 1 period (50 minutes)**

**Note: No Calculators will be allowed**

#### **Probability**

- The Probability Scale
- The Language of Chance
- Sample Space
- Equally Likely Outcomes
- Theoretical Probability
- Relative Frequencies
- Complementary Events

#### **Understanding Fractions, Decimals and Percentages**

- Highest Common Factors (HCF)
- Lowest Common Multiples (LCM)
- Equivalent Fractions
- Simplifying Fractions
- Comparing Fractions
- Place Value
- Types of Decimals
- Rounding Decimals
- Connecting, Converting, Ordering and Comparing Fractions, Decimals and Percentages.
- Percentage of an Amount
- Expressing one Quantity as a Percentage of Another

#### **Computations of Negative Integers**

- Direction and Magnitude of Numbers
- Placing Integers on a Number Line
- Ordering Integers
- Addition and Subtraction of Integers
- Multiplication and Division of Integers
- Order of Operations with Negative Integers

#### **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 all classes.

#### **Plagiarism:**

Plagiarism, the using of the work of others without acknowledgement will incur serious penalties and may result in 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

Course Outcomes:

**MAO-WM-01** – develops understanding and fluency in mathematics through exploring and connecting mathematical concepts, choosing and applying mathematical techniques to solve problems, and communicating their thinking and reasoning coherently and clearly.

**MA4-PRO-C-01:** solves problems involving probabilities of simple chance experiments.

**MA4-FRC-C-01:** represents and operates with fractions, decimals and percentages to solve problems.

**MA4-INT-C-01:** compares, orders and calculates with integers, to solve problems.

## Examination Structure

The examination will be separated into three sections:

### Section 1 – Basic Understanding Grades D/E

This section will contain questions requiring students to demonstrate a basic knowledge of content and understanding of course concepts, applying skills and processes in some familiar contexts.

### Section 2- Sound Understanding Grades B/C

This section will contain questions requiring students to demonstrate sound knowledge of content and understanding of course concepts. Students will be required to solve routine problems of up to 3 steps in familiar and unfamiliar situations. They will apply some connections between concepts to attempt non-routine problems.

### Section 3 – High Understanding Grade A

This section will contain questions requiring students to demonstrate extensive knowledge of content and understanding of course concepts and apply highly developed skills and processes in a range of contexts. Students will be required to make connections between concepts to solve problems in familiar and unfamiliar situations. They will use multiple connections between concepts to solve non routine problems.