



# ORANGE HIGH SCHOOL

## ASSESSMENT TASK NOTIFICATION

<b>Subject</b>	Mathematics Year 10 Stage 5.1
<b>Topic</b>	Algebraic expressions, Measurement, Financial Mathematics
<b>Class Teacher</b>	Mrs Giles, Mr Lummis, Mrs Edwards, Miss Brown
<b>Head Teacher</b>	Mrs Edwards
<b>Year</b>	10 Stage 5.1
<b>Date Given</b>	Tuesday Period 2, 9/3/23 (Week 3)
<b>Date Due</b>	Tuesday Period 2, 23/5/23 (Week 5)
<b>Weighting</b>	30%

### Assessment Outline

#### 1 period in-class examination

#### *Topics assessed:*

<b>Financial Mathematics</b>	<b>Algebraic Expressions</b>	<b>Measurement</b>
Wages and salaries Simple Interest Compound Interest Taxation	Substitution Terminology Algebraic expressions with all operations Writing algebraic expressions	Units of measurement Significant figures Scientific Notation Accuracy of measurement Perimeter Areas including circles Areas of composite shapes, including the annulus Surface area of Prisms Volume of prisms and cylinders

#### **Required equipment**

- Black or Blue pen or pencil
- Calculators are allowed
- A formula sheet will be provided

#### **Course Outcomes:**

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

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

MA5.1-9MG interprets very small and very large units of measurement, uses scientific notation and rounds to significant figures.

MA4-12MG calculates the perimeters of plane shapes and the circumference of circles.

MA4-13MG uses formulas to calculate the areas of quadrilaterals and circles, and converts between units of area.

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

MA4-14MG uses formulas to calculate the volumes of prisms and cylinders, and converts between units of volume.

#### **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.**