ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

Subject	Mathematics
Topic	Calculator Skills, Pythagoras' Theorem & Measurement
Class Teacher	Lummis, Routh/Mittal, Benson, Gurjar, Giles
Head Teacher	Edwards
Year	8
Date Given	Week 7, Term 1
Date Due	Week 9, Term 1
Weighting	20%

Assessment Outline

In-class quiz/test – 1 period

Topics assessed:

- Calculator Skills:
  - Order of Operations
  - Fractions, Decimals and Percentages
  - Powers & Roots
  - Degrees, Minutes & Seconds
  - Pi
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- Measurement:
  - Converting Units of Length & Perimeter
  - Converting Units of Area
  - Area of Basic and Composite Shapes
  - Volume of Prisms

- Pythagoras' Theorem:
  - Finding the Length of the Hypotenuse
  - Finding the Length of the Short Side
  - Pythagorean Triads
  - Testing if a Triangle has a Right-Angle

Required equipment

- Black or Blue pen or pencil
- Calculator
- A formula sheet will be provided (attached to the back of the test)

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
- **MA4-12MG** calculates the perimeters of plane shapes
- **MA4-13MG** uses formulas to calculate the areas of quadrilaterals and converts between units of area
- **MA4-14MG** uses formulas to calculate the volume of prisms and converts between units of volume
- **MA4-16MG** applies Pythagoras' Theorem to calculate side lengths in right-angled triangles, and solves related problems.

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.