



ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

Subject	Year 8 Mathematics
Topic	Task 1 – Google Form Quiz with calculator
Class Teacher	Ms Kircher, Mrs Arnott, Ms Bulmer, Ms Brown, Mrs Edwards/Mr Benson, Mrs Sood
Head Teacher	Ms Stevenson
Year	8MA1, 8MA2, 8MA3, 8MA4, 8MA5, 8MA6, 8MA7, 8MA8
Date Given	Week 7, Term 1 2022
Date Due	Week 9, Term 1 2022
Weighting	10%

Assessment Outline

In Class Examination using Google Forms – 30 multiple choice questions – 1 period

- Pythagoras' Theorem
 - Identifying hypotenuse and formula for Pythagoras' Theorem, testing if a triangle is right-angled using triads, finding the length of unknown sides (hypotenuse and short side), problem solving with Pythagoras' Theorem
- Measurement
 - Converting between units of length, perimeter, converting between units of area, area of simple shapes (square, rectangle & triangle), area of quadrilaterals (parallelogram, rhombus, kite & trapezium), problem solving with perimeter and area, converting between units of volume and capacity, volume of prisms
- Algebraic Techniques & Indices
 - Language of algebra (definitions and writing expressions from words), substitution, adding & subtracting like terms

Items to bring:

- **Laptop + charger**
- **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 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

MA4-1WM communicates and connects mathematical ideas using appropriate terminology, diagrams and symbols

MA4-2WM applies appropriate mathematical techniques to solve problems

MA4-3WM recognises and explains mathematical relationships using reasoning

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 areas

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

MA4-16MG applies Pythagoras' Theorem to calculate the side lengths in right-angled triangles, and solves related problems

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

MA4-9NA operates with positive-integer and zero indices of numerical bases