



ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

Subject	Year 9 5.1 Mathematics
Topic	End of Course Examination
Class Teacher	Stevenson, Saini, McAlpine, Routh
Head Teacher	Stevenson
Year	Year 9 5.1
Date Given	5 th November 2020
Date Due	19 th November 2020
Weighting	45%

Assessment Outline

You will be tested on the following:

Semester 1 Content:

Financial Mathematics, Expressions and Equations, Properties of Geometrical Figures, Indices

Semester 2 Content:

Pythagoras' Theorem – Finding the hypotenuse, Finding the shorter side, Pythagoras' Theorem problems.

Trigonometry – Trigonometric Ratio's, Finding a missing side, Finding a missing angle, Angles of Elevation and Depression, Applications

Length, Surface Area and Volume – Units of measurement, Perimeter and Area of shapes and composite shapes, Circumference and Area of circles and sectors, Surface Area of Cubes, Rectangular and Triangular prisms, Surface Area of Cylinders, Volume of Cubes, Rectangular Prisms, Triangular Prisms and Cylinders.

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.

Outcomes Assessed

- **MA5.2-11MG** calculates the surface areas of right prisms, cylinders and related composite solids
- **MA4-18MG** Identifies and uses angle relationships, including sets of parallel lines
- **MA4- 17MG** Classifies, describes and uses the properties of triangles and quadrilaterals
- **MA5.1-1 11MG** Describes and applies the properties of similar figures and scale drawings
- **MA4-8NA** Generalises number properties to operate with algebraic expressions
- **MA4-10MA** Uses algebraic techniques to solve simple linear and quadratic equations.
- **MA5.2 7NA** Applies index laws to operate with algebraic expressions involving integer indices
- **MA4-16MG:** Applies Pythagoras' theorem to calculate side lengths in right-angled triangles, and solves related problems.
- **MA5.1 – 10MG:** Applies trigonometry, given diagrams, including problems involving angles or elevation and depression
- **MA5.2 – 13MG:** Applies trigonometry to solve problems.