ORANGE HIGH SCHOOL
ASSESSMENT TASK NOTIFICATION

Subject	Mathematics Year 10/5.3
Topic	Term One In-class Test
Class Teacher	Benson, Sood
Head Teacher	Edwards
Year	Year 10 /5.3
Date Given	8th March 23
Date Due	22nd March 23
Weighting	20%

Assessment Outline

1 period in-class examination. The list of formulas would be provided with the test.

Topics to be tested are:

Measurement (Chapter one – Year 10 Cambridge Textbook)

- Converting units of measurement
- Significant figures
- Scientific notation
- Accuracy of measuring instruments
- Pythagoras' theorem in three dimensions
- Area of triangles, quadrilaterals, circles and sectors
- Surface area of prisms and cylinders
- Surface area of pyramids and cones
- Volume of prisms and cylinders
- Volume and surface area of spheres
- Volume and Capacity of Prisms

Indices and Surds (Chapter two- Year 10 Cambridge Textbook)

- Rational and irrational numbers
- Adding and subtracting surds
- Multiplying and dividing surds
- Binomial products
- Rationalising the denominator
- Review of Index Laws
- Negative indices

Required equipment:

- Black or Blue pen or pencil
- Calculators

Course Outcomes:

- MA5.3-13MG applies formulas to find the surface areas of right pyramids, right cones, spheres, and related composite solids.
- MA5.3-14MG applies formulas to find the volumes of right pyramids, right cones, spheres and related composite solids.
- MA5.3-15MG applies Pythagoras' Theorem to solve problems, including problems involving three dimensions.
- MA5.3-2WM generalizes mathematical ideas and techniques to analyse and solve problems efficiently.
- MA5.3-3WM Using deductive reasoning in presenting arguments and proofs
- MA5.3-6NA performs operations with surds and indices
- MA5.2-7NA applies index laws to operate with algebraic expressions involving integer indices

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.