



ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

Subject	Mathematics Extension 1
Topic	Further Integration
Class Teacher	Mr Gurjar
Head Teacher	Mrs Edwards
Year	12
Date Given	24/05/2023
Date Due	07/06/2023
Weighting	25%

Assessment Outline

Hand-in task (14%), plus 1 period in-class validation (11%)

Topics assessed: Applications of Integration – calculating volumes

Complete the 4 questions in the Question bank, showing all necessary working.

The validation task will assess you on the concepts in a similar manner.

You will have 1 period (period 5) on 31st May to ask questions in class about this assignment. Each student will be allocated 10 minutes.

Required equipment

- Black or Blue pen or pencil
- Calculators are allowed
- Use the resource booklet given, as well as relevant YouTube videos, to help understand the concepts and how to apply them to solving problems

Course Outcomes:

- applies techniques involving proof or calculus to model and solve problems ME12-1
- uses calculus in the solution of applied problems, including differential equations and volumes of solids of revolution ME12-4

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.