



ORANGE HIGH SCHOOL

ASSESSMENT TASK NOTIFICATION

Subject	Marine Studies (10MS2001)
Topic	Murray-Darling Basin
Class Teacher	J Percival
Head Teacher	Ms J Huggett
Year	10
Date Given	Week 1 Term 2
Date Due	Week 3 Term 2
Weighting	20%

Assessment Outline

Scientific Poster

Students to create a detailed scientific poster on a chosen catchment area in the Murray-Darling River Basin. The poster must be at least A3 in size and include diagrams, pictures, graphs and concise information. The details needed on the poster are outlined in the task on the following page. Students will be expected to demonstrate a high-level of research ability to complete the poster.

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

- **MAR5-1:** identifies and describes a range of marine and aquatic ecosystems and investigates their complex interrelationships
- **MAR5-7:** identifies, describes and evaluates the ethical, social and sustainability issues related to the marine environment

Poster

1. Choose a catchment area in the Murray-Darling River basin from the following list.

- Goulburn-Broken
- Upper Murray
- Barwon-Darling
- Condamine-Baloone
- Campaspe
- Central Murray
- Lower Darling
- Moonie
- Loddon-Avoca
- Lower Murray
- Paroo
- Border Rivers
- Wimmera
- Kiewa
- Warrego
- Gqydir
- Naomi
- Mitta Mitta
- Lachlan
- Murrumbidgee
- Macquarie-Castler
eagh

Selected Catchment _____

Your poster must include detailed information on:

2. Describe the details of the catchment area including, but not limited to: **(5 marks)**
- a. The location of the catchment area (include a labelled map)
 - b. The size of the catchment area
 - c. Rivers, tributaries and distributaries in the catchment area
 - d. Towns located in the catchment area
3. The water usage in the catchment **(5 marks)**
- a. Water storage in the catchment and its uses
 - b. What the water from Murray-Darling Basin is used for in this catchment (e.g. irrigation, industry etc.)
4. The importance of this catchment in the Murray-Darling River Basin **(10 marks)**
- a. Importance of this region to industry
 - b. Importance of this region to the environment
 - c. Justify the importance of industry vs the environment

Marking Rubric:

Course Outcomes	A	B	C	D	E	0	Total
	Has achieved a very high level of competence in the processes and skills and can apply these skills to new situations. (EXTENSIVE)	A high level of competence in the processes and skills. In addition, the student is able to apply these skills to most situations. (THOROUGH)	An adequate level of competence in the processes and skills. (SOUND)	A limited level of competence in the processes and skills. (BASIC)	Very limited competence in some of the processes and skills. (LIMITED)	Not attempted	
Details of the catchment area MAR5-1 identifies and describes a range of marine and aquatic ecosystems and investigates their complex interrelationships	5 Extensive research and all details provided on the catchment area including: <ul style="list-style-type: none"> The location of the catchment area (include a labelled map) The size of the catchment area Rivers, tributaries and distributaries in the catchment area Towns located in the catchment area 	4 Thorough research on the catchment area. Includes most the information required	3 Sound research on the catchment area. Includes some the information required:	2 Basic research on the catchment area. Includes limited information required:	1 Very limited research on the catchment area. May Includes any of the information required:	0	
Water Usage MAR5-1 identifies and describes a range of marine and aquatic ecosystems and investigates their complex interrelationships	5 Extensive understanding of the water usage in the catchment area are displayed including: <ul style="list-style-type: none"> Water storage in the catchment Water storage uses Water usage e.g. irrigation, industry etc. 	4 Thorough understanding of the water usage in the catchment area are displayed Includes most the information required	3 Sound understanding of the water usage in the catchment area is displayed Includes some the information required	2 Basic understanding of the water usage in the catchment area is displayed Includes a limited amount of the information required	1 Basic use of visuals to enhance meaning. A relevant picture, table or graph OR Some mention of water usage in the catchment area.	0	/10
Importance of the Catchment MAR5-7 Identifies, describes and evaluates the ethical, social and sustainability issues related to the marine environment	10-9 Extensive explanation of the importance of the catchment area including: <ul style="list-style-type: none"> Extensive written explanation of how the catchment is important to industry and the environment Extensive justification of the importance of industry vs the environment 	8-7 Thorough explanation of importance of the catchment area that includes most of the information required	6-5 Sound explanation of importance of the catchment area that includes most of the information required	4-3 Basic description of importance of the catchment area that includes a limited amount of the information required	2-1 Identifies an importance of the catchment area that includes some of the information required	0	/10

Comment:	Total
	/20