

Task 1: Fieldwork, Research and Extended Response

Task Name: Fieldwork, Research and Extended Writing	Unit: The Earth's Natural Systems
Task Distributed: 13.3.2024	Task Due: 25.3.2024
Task Type: Fieldwork, research and extended writing	Syllabus Outcomes: GE-11-01, GE-11-03, GE-11-09.
Task Weighting: 30%	Task number for Course: 1

Task Description:

This assessment task has two parts.

Students must complete each part to satisfy the requirements of this task.

PART 1: Fieldwork Booklet

Fieldwork—Students will record their fieldwork findings in a booklet during their excursion. They will complete this on the day and refine it at home before submitting the hard copy to their Geography teacher in **Period 1 on March 25th 2024**. Additional research will be required.

PART 2: In-Class Extended Response

In-class Task—On March 25th 2024, in Period 1, students will write an extended response under exam conditions in their Geography period. A time limit of 45 minutes will be applied.

Write a response to the following question:

Assess the different strategies employed to manage an ecosystem in Oatley Park.

In your response, you should address the following criteria:

- Explain how biophysical interactions affect an ecosystem, including interactions in the hydrosphere, lithosphere, biosphere and atmosphere.
- Explain the challenges faced by an ecosystem at Oatley Park.
- Explain the different management strategies being used to manage these challenges.
- Assess the effectiveness of these management strategies in managing an ecosystem.
- Refer to the information and data from your fieldwork.

Students can find additional information at the following websites:

- https://georgesriver.org.au/sites/default/files/resources/2020-11/State%20of%20the%20Georges%20River%202020_web.pdf
- <https://www.georgesriver.nsw.gov.au/StGeorge/media/Documents/Environment/Final%20Plans%20of%20Management/Oatley-Park-Plan-of-Management-PoM-Adopted-2004.pdf>
- <https://www.oatleyflorafauna.org.au/index.php/lime-kiln-bay/>

NESA Glossary of KeyWords

- Explain: Relate cause and effect; make the relationships between things; provide why and/or how
- Assess: Make a judgement of value, quality, outcomes, results or size

Understand the verb associated with the task. The verb will provide an understanding of the detail needed to answer the question successfully. Check the NESA Glossary of Key Words:

<https://educationstandards.nsw.edu.au/wps/portal/nesa/11-12/hsc/hsc-student-guide/glossary-keywords>

Details of Submission:

This assessment will be both a hand-in task and an in-class essay to be completed in Period 1 on the **25th of March 2024**.

Students must bring the required equipment for the examination, including a black pen.

All writing papers will be provided.

Students are **ALLOW** to bring in their completed fieldwork booklet into the exam.

Absences on the day will be dealt with in accordance with school policies.

Assessment Procedures

All students should be fully aware of the school assessment procedures. For more information, students should access their 2022 Assessment Guide.

Feedback provided

- The task will be typically returned to students within two school weeks of the submission date.
- At this time feedback including information on how to improve will be delivered through mechanisms such as marking criteria, and/or written comments.
- Students can clarify or seek further feedback by arranging to meet with their teacher.

Self-Reflection Component

Students will be required to complete a self-reflection worksheet at the time students receive their assessment mark and teacher feedback. Self-reflection is an important part of the learning process as it provides an opportunity to reflect on the strength of your performance, as well as areas that have been identified to strengthen in future tasks.

What Areas of Learning will this Assessment Task Report On?

In this task, you will be assessed on your ability to:

- Fieldwork is a compulsory component of the Preliminary Geography course. This task will assess engagement in the fieldwork conducted as well as an understanding of the **Earth's Natural Systems Topic** studied in class.
- This task introduces the Senior Geography skill of forming key questions for inquiry, developing a focus question, collecting data and evidence, evaluating their research methods and presenting research findings. **These skills will be used to a higher level as students begin their Senior Geography Project.**

Marking Criteria - Essay

Marking Criteria:	
<ul style="list-style-type: none"> • Demonstrates deep knowledge and understanding of the interactions between different components of the spheres in the biophysical environment. • Demonstrates deep knowledge and understanding of the implications of the biophysical processes to manage an ecosystem effectively. • Makes clear judgements, based on criteria, about the success of managing an ecosystem at Oatley Park. • Presents a sustained, logical and cohesive answer using a range of geographical information, ideas and issues, along with diagrams, maps, statistics and fieldwork data. 	17-20
<ul style="list-style-type: none"> • Demonstrates knowledge and understanding of the interactions between different components of the spheres in the biophysical environment. • Demonstrates knowledge and understanding of the implications of the biophysical processes to manage an ecosystem effectively. • Makes a judgement based on criteria about the success of managing an ecosystem at Oatley Park. • Presents a logical and cohesive answer using a range of geographical information, ideas and issues, along with diagrams, maps, statistics and fieldwork data. 	13-16
<ul style="list-style-type: none"> • Demonstrates some knowledge and understanding of the interactions between different components of the spheres in the biophysical environment. • Demonstrates some knowledge and understanding of the implications of the biophysical processes to manage an ecosystem effectively. • Describes and may make a judgement about the success of managing an ecosystem at Oatley Park. • Presents a structured answer using geographical information. 	9-12
<ul style="list-style-type: none"> • Describes some of the interactions between different components of the spheres in the biophysical environment. • May describe some of the implications of the biophysical processes for managing an ecosystem effectively. • May describes some of the management practices used to manage an ecosystem at Oatley Park. • Presents a structured answer using geographical information. 	5-8
<ul style="list-style-type: none"> • Demonstrates limited understanding of the interactions between different components of the spheres in the biophysical environment. • Limited or no reference to geographical information. 	1-4

Marking Criteria Fieldwork

Marking Criteria:	Mark
<ul style="list-style-type: none"> • Outstanding participation in the fieldwork using specific geographical tools and skills • Exhibits consistent initiative in answering and responding to specific fieldwork questions 	9-10
<ul style="list-style-type: none"> • High participation in the fieldwork addressing a number of geographical tools and skills • Displays increased interest in answering and responding to specific fieldwork questions 	7-8
<ul style="list-style-type: none"> • Sound participation in the fieldwork using some geographical tools and skills • Shows initiative in answering and responding to fieldwork questions 	5-6
<ul style="list-style-type: none"> • Basic participation in the fieldwork using limited geographical tools and skills • Inconsistent effort in trying to answer fieldwork questions 	3-4
<ul style="list-style-type: none"> • Limited participation in fieldwork using insufficient geographical tools and skills • Lack of interest in answering questions relevant to the fieldwork 	0-2