



GEORGES RIVER COLLEGE PEAKHURST CAMPUS

HSIE Faculty

NOTIFICATION OF ASSESSMENT TASK

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|---|--|
| Year: 8 | Subject: Geography |
| Due date for part 1 for 8O, 8I, 8V: Thursday Week 6 (25/08) Due date for part 1 for 8R, 8Y, 8G, 8B, 8P: Friday Week 6 (26/08) | Time allowed: 2 weeks for part 1 and 2 weeks for part 2 = 4 weeks total |
| Due date for part 2 for 8O, 8I, 8V: Thursday Week 8 (08/09) Due date for part 2 for 8R, 8Y, 8G, 8B, 8P: Friday Week 8 (09/09) | |
| Weighting: 60% | Task Number: 1 |
| Topic: Water in the World research task | |
| Syllabus outcomes: <ul style="list-style-type: none">• GE4-5 discusses management of places and environments for their sustainability• GE4-7 acquires and processes geographical information by selecting and using geographical tools for inquiry | |
| Assessment criteria: <p>In your answer/s you will be assessed on how well you:</p> <ul style="list-style-type: none">• Research and apply appropriate and up to date information about South Africa• Investigate the nature of water scarcity and assess ways of overcoming it• Communicate your understanding in written form | |

Task Information:

You have been learning about water as a resource, the factors influencing water flows and the availability of water resources in different places. In this task, you will need to use this information to research a country that is experiencing water scarcity. The country that you will be researching is South Africa. This task has 2 parts:

Part 1 (35 marks)

Complete the short answer questions related to our Water in the World topic at the end of this notification.

Part 2 (20 marks)

There are two options in part 2. You need to pick ONE.

Option A – Describe what actions the **government** is taking to solve the issue of water scarcity in South Africa.

OR

Option B – Describe what actions **non-government organisations** are taking to solve the issue of water scarcity in South Africa.

Part two will be in a 45 minute in-class extended response. This means that you need to research and plan what you will write at home, but you will be writing the actual response in class. You will be allowed to bring in the scaffold attached at the end of this notification to help you write your response in class. Make sure that you only write inside the boxes provide. Any information written on blank paper, another scaffold, or outside of the boxes will be confiscated on the day of your assessment task.

In order to prepare for this task you must do research at home on the topic, as well as practise writing your extended response within the time limit.

Note: All answers must be in your own words. Plagiarised tasks will receive a mark of zero.

IMPORTANT:

This task is part of your formal assessment for this subject. Tasks not completed on the due date will receive a zero. If you are sick on the due date you will have to provide appropriate documentation, such as a medical certificate, to support your appeal. This will need to be presented to your teacher.

PART A (35 MARKS) – DUE WEEK 6

Name: _____

Class: _____

1. **Define** water scarcity.

_____ **2**

2. **Identify** the current population of South Africa (use 2021 or 2022 data).

_____ **1**

3. **Identify** the capital cities of South Africa. _____ **1**

4. **Identify** the average amount of annual precipitation (rainfall) in South Africa.

_____ **1**

5. **Outline** how the amount of precipitation a country receives is a contributing factor to water scarcity

_____ **2**

6. Name TWO factors that are contributing to water scarcity in South Africa and describe them (e.g. overpopulation, agriculture, natural hazards etc.).

Name of factor: _____ **1**

Description: _____

_____ **3**

Name of factor: _____ **1**

Description: _____

_____ **3**

7. Find and identify the percentage of people that have access to safe drinking water in the **urban** areas of South Africa.

_____ **1**

8. Find and identify the percentage of people that have access to safe drinking water in the **rural** areas of South Africa.

_____ **1**

9. **Compare** this to the percentage of people in Australia who have access to safe drinking water.

_____ **2**

10. **Discuss** the social **OR** environmental **OR** economic **impacts** of water scarcity in South Africa (only select one).

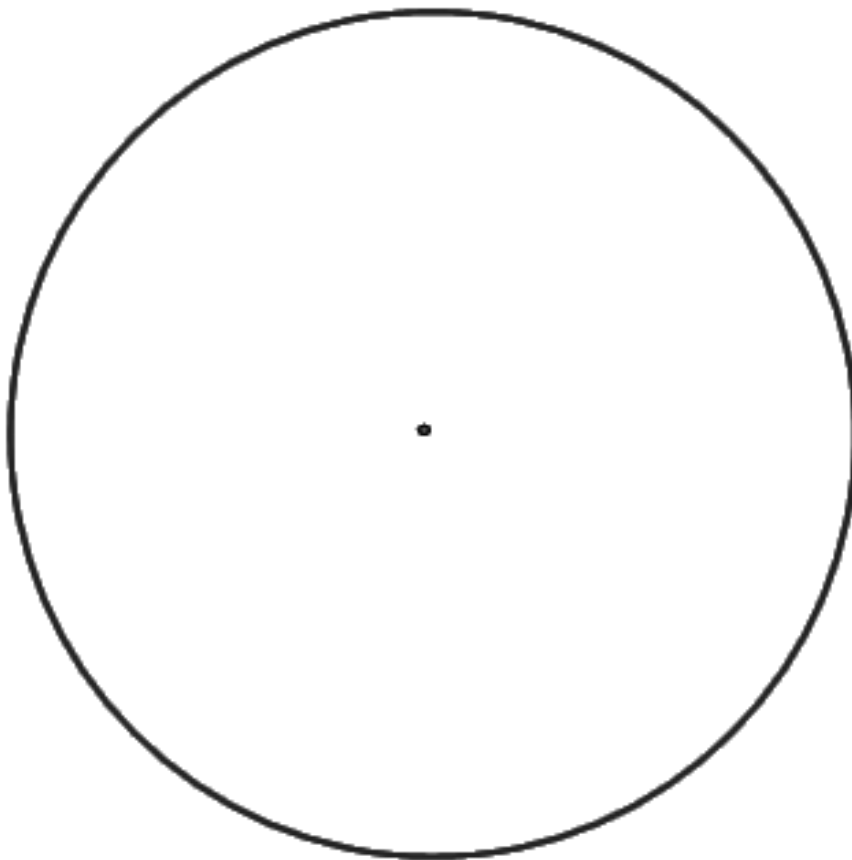
_____ **6**

11. **Construct a pie chart** showing water stress predictions for 2040 for Australia, South Africa, Brazil and the United Arab Emirates. You must use the following link for your data: <https://tinyurl.com/y5n9wr8h>

Step 1: Use the formula (country/total x 360) to work out the degrees for the water stress predictions for the countries included in the table below.

| Water stress predictions for 2040 | | | |
|-----------------------------------|------------------------------------|-------------|---------------------|
| Country | Water stress prediction (out of 5) | Calculation | Degrees of a circle |
| Australia | | | |
| South Africa | | | |
| Brazil | | | |
| United Arab Emirates | | | |

Step 2: Use a protractor to mark in your segments on the pie chart below. Give your pie chart a title and complete the key to shows what each segment represents.



Title: _____

| Key | |
|-----|--|
| | |
| | |
| | |
| | |

Pie chart construction: _____/5 marks

Questions based on the pie chart

- A. **Identify** which country is predicted to be facing the largest water stress by 2040 _____ 1
- B. **Identify** which is predicted to be facing the lowest water stress by 2040 _____ 1
- C. **Compare** the above two countries to suggest reasons for the differences in their water stress predictions

PART 2 (20 MARKS) - DUE WEEK 8

Part two will be in a 45 minute in-class extended response. This means that you need to research and plan what you will write at home, but you will be writing the actual response in class. You will be allowed to bring in the scaffold attached at the end of this notification to help you write your response in class. Make sure that you only write inside the boxes provide. Any information written on blank paper, another scaffold, or outside of the boxes will be confiscated on the day of your assessment task. In order to prepare for this task you must do research at home on the topic, as well as practise writing your extended response within the time limit.

Option A:

- **Describe** what actions the government is taking to solve the issue of water scarcity in South Africa
- You need to write using proper report structure. This includes using subheadings and writing a report that has an introduction, a conclusion, and 3 PEEL body paragraphs. This means 5 paragraphs in total.

| | |
|---|---|
| Introduction | -Define water scarcity -Introduce South Africa -Outline why water scarcity is a problem in South Africa |
| Government response PEEL paragraph 1 | Outline the approach of the South African government to water scarcity and summarise the initiatives they have implemented that you will discuss. |
| Government response PEEL paragraph 2 | Discuss one program or initiative the government implemented to try to resolve the water scarcity problem e.g. water desalination |
| Government response PEEL paragraph 3 | Discuss a second program or initiative the government implemented to try to resolve the water scarcity problem e.g. importing water |
| Conclusion | Summarise the actions that are being taken. What is the outlook for the future? Is South Africa on the right track or is there more to do? |

Option two:

- **Describe** what actions non-government organisations are taking to solve the issue of water scarcity in South Africa.
- You need to write using proper report structure. This includes using subheadings and writing a report that has an introduction, a conclusion, and 3 PEEL body paragraphs. This means 5 paragraphs in total.

You may use the following guide to help you write your response

| | |
|---|--|
| Introduction | -Define water scarcity -Introduce South Africa -Outline why water scarcity is a problem in South Africa |
| Non-government response PEEL paragraph 1 | Pick one NGO and outline who they are, their aim, and their approach to water scarcity in South Africa by summarising the initiatives they have implemented that you will discuss. |
| Non-government response PEEL paragraph 2 | Discuss one program or initiative the NGO implemented to try to resolve the water scarcity problem e.g. education programs to teach people about ways to save water |
| Non-government response PEEL paragraph 3 | Discuss a second program or initiative the NGO implemented to try to resolve the water scarcity problem e.g. building water wells |
| Conclusion | Summarise the actions that are being taken. What is the outlook for the future? Is South Africa on the right track or is there more to do? |

Bring to class on the due date. Write only in the text boxes. Scaffolds with additional info will be confiscated.

Introduction

Name:

Class/Teacher:

PEEL paragraph 1:

PEEL paragraph 2:

PEEL paragraph 3:

Evidence

Evidence

Evidence

Conclusion

