



**education**  
**MPUMALANGA PROVINCE**  
**REPUBLIC OF SOUTH AFRICA**

**GRADE 11**

**RESEARCH TASK**

**TASK NO 3**

**30 MAY 2023**

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**MARKS: 100**

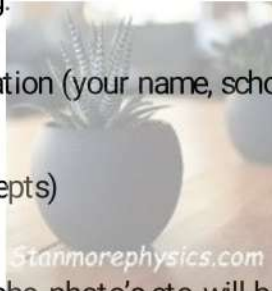
**DUE DATE: 12 MAY 2023**



This research task consists of 6 pages.

**INSTRUCTIONS AND INFORMATION**

1. Do a research on the following topic.
2. Make use of TWO to FIVE resources.
3. Write a research assignment consisting of NINE to TEN pages OR type your research in **Arial 12, 1.5 spacing** on FIVE to SEVEN pages.
4. This task **MUST** be completed and **SUBMITTED** in the first TERM.
5. Technical care will include the following.
  - Cover page with all your information (your name, school, topic, etc.)
  - Index
  - Introduction (must include concepts)
  - Content
  - Diagrams, sketch, statistics, graphs, photo's etc. will be included under each sub – topic and not at the end of your assignment.
  - Conclusion.
  - Bibliography

**TOPIC**

**ATMOSPHERE: THE CONSEQUENCES / IMPACT THAT DROUGHTS AND DESERTIFICATION HAS ON PEOPLE AND THE ENVIRONMENT.**

"In South Africa, the annual rainfall decrease from the east of the country towards the west and therefore the frequency of drought increases towards the west. Areas at risk of desertification in South Africa are the southern parts of the Kalahari on the border of Botswana and South Africa, the Northern Cape and the regions bordering on the Karoo. Do research to investigate the causes of droughts and desertification, the effects of droughts and desertification on people and the environment and the management strategies to manage the risks of droughts and desertification."

Your research must include the following aspects.

1. Define drought and desertification
2. GIS: Using an atlas, draw/design where the risk of droughts and desertification is in Africa.  
Based on your drawing, explain in your research why these areas are at risk by analysing the causes and consequences of droughts and desertification.
3. Evaluate the negative impact that droughts and desertification has on people, economy and the environment
4. Suggest Management strategies for droughts and desertification.



**N.B. Your research report will be assessed using the rubric on the next page.**

RESEARCH RUBRIC FOR GRADE 11

TOPIC: THE ATMOSPHERE: - CONSEQUENCES / IMPACT OF DROUGHTS AND DESERTIFICATION

NAME: \_\_\_\_\_ SCHOOL \_\_\_\_\_

MARKS	5	4	3	1 - 2
Introduction	Introduction is clearly and logically formulated	The introduction is well formulated	The introduction is formulated	The introduction is formulated with some gaps
MARKS	20 - 25	14 - 19	10 - 13	6 - 9
Analysis of the causes and consequences of droughts and desertification.	Has done outstanding research by collecting all relevant information-map included indicating all countries	Has done a thorough research; detailed information-map included, but one country is not indicated	Has done sufficient research with important information-map included, two countries not indicated	Has done some research with little information-map included but not all areas are indicated
MARKS	20 - 25	14 - 19	10 - 13	6 - 9
A discussion on the negative impact that droughts and desertification has on the people, the economy and the environment.	Outstanding discussion of the negative impact of people on drainage basins and catchment areas; FIVE pieces of evidence	Has discussed the negative impact of people on drainage basins and catchment areas; FOUR pieces of evidence	Has discussed the effects with reference to at least three negative impacts; THREE pieces of evidence	Has done research but lacks information; TWO pieces of evidence
MARKS	20 - 23	14 - 19	10 - 13	6 - 9
Suggestions on practical management strategies of droughts and desertification.	Well - structured discussion of at least five solutions	Good discussion of at least four solutions	Discussion of at least two solutions	Merely outlines solutions without explanation

<b>MARKS</b>	<b>8</b>	<b>5 - 7</b>	<b>4</b>	<b>3</b>	<b>0 - 2</b>
<b>Conclusion</b>	Logical and clear conclusion	Very good conclusion	Conclusion is made	Poor conclusion has been made	Vague or no conclusion
<b>MARKS</b>	<b>7</b>	<b>4 - 6</b>	<b>3</b>	<b>2</b>	<b>0 - 1</b>
<b>References / Bibliography</b>	Correct citing of sources and reference of at least five sources	Correct citing of sources and reference of at least four sources	Correct citing of sources and reference of at least two sources	Incorrect intext referencing but accurate reference list of at least two sources	Inaccurate referencing or reference list non-existent
<b>MARKS</b>	<b>7</b>	<b>4 - 6</b>	<b>3</b>	<b>2</b>	<b>1</b>
<b>Technical presentation</b>	Outstanding presentation with exceptional degree of originality and layout	Well presented with exceptional presentation and layout	Satisfactory presentation with clear layout	Presentation is vague but focuses on topic	Research is not coherent, ideas are haphazard
<b>TOTAL</b>	<b>100</b>				



GRADE 11 RESEARCH MARKSHEET TASK 2

TOTAL: 100

Name of Candidate: \_\_\_\_\_ School: \_\_\_\_\_

	Maximum	Educator's mark		Maximum	Moderated Mark
Introduction	5			5	
Analysis - causes & consequences	25			25	
Discussion	25			25	
Suggestions / management	23			23	
<b>MARKS</b>					
Conclusion	8			8	
References / Bibliography	7			7	
Technical presentation	7			7	
<b>TOTAL</b>	<b>100</b>				

Educator's comments:

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Moderator's comments:

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Educator's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Moderator's Signature: \_\_\_\_\_ Date: \_\_\_\_\_