

INQUIRYING ABOUT WATER: How to write a good report

Use the headings given below and read the explanations to help make sure your report is a complete scientific inquiry report. Indicate (with initials) which team member(s) has produced each section.

Statement of the problem and concept map

Describe the area that you are researching (one short paragraph). This is the background to your inquiry. Paste a copy of your concept map here.

Rationale

Explain why have you chosen to investigate this problem or topic.

Research Questions (3 questions)

Ensure the questions are clearly written and in a logical sequence, with the more basic questions first.

Methodology

Describe how you investigated your inquiry.

- 1) What was a particular challenge that you faced when researching your questions?
- 2) Explain briefly how you worked as a team.
- 3) What was specifically helpful to your investigation?

Findings

Write a summary of your collected data that helps answer your research questions. (Approximately one short paragraph per research question). You should use information from at least five different websites or other sources.

Conclusions and Implications

What are your overall conclusions? This can be summarised into a 2/3 sentences. Make sure that you include the evidence from your research. For example you can use phrases such as ‘Based on the evidence provided by.....the following conclusions can be drawn.....’

Implications

Describe any implications for the environment, local community or wider community. For example, do we need to change our practice, or take action to reduce the problem in same way? What might happen in the future if action is not taken?

Bibliography

Provide a list of all the sources that you used for your inquiry.

MARKING KEY FOR THE FINAL REPORT

NAMES _____

Criteria		Possible Score	Score
Introduction	Introduction provides a clear statement of the problem, rationale and sets the scene with background information	3	
	Research questions are clear and well-constructed	3	
Methodology	Research methods are clearly explained and appropriate for the research questions and include how data was collected. Consider: <ul style="list-style-type: none"> • <i>What was a particular challenge and how you overcame it?</i> • <i>What was specifically helpful?</i> 	3	
Discussion	Discussion Findings related to the research questions are clearly presented and explained , and are informed by the references used. This should: <ul style="list-style-type: none"> • <i>be presented in the form of a development of ideas, from more basic to more complex</i> • <i>bring the main ideas from the research questions together</i> 	4	
Conclusion	Conclusion Provide a clear statement of key outcomes based on your research evidence	2	
Implications	Implications Consider how the problem can be addressed in light of your findings.	3	
Report Style	The reports is structured with appropriate headings and sub-headings.	3	
	The report is clearly communicated with correct grammar and spelling	2	
	A full bibliography is included	2	
		Total	25
Comments			
Teacher:			