



ST ALBANS
SECONDARY COLLEGE

Year 10 People and Places: Merri Creek Field Report

This task is a field report that will demonstrate your ability to conduct fieldwork, analyse your data and present work using geographical conventions.

This assignment is due on: **Wednesday, 28th October 2015**

You will complete all of the activities outlined in this assessment task and present them using geographical presentation conventions such as BOLTSSNA.

Instructions:

You will visit the Merri Creek in Brunswick and Northcote to carry out fieldwork on rivers and the management issues encountered when building on a floodplain. You will be attempting to answer the question:

'Is the Merri Creek a well-managed waterway?'

FIELDWORK REPORT

- To be worked in class before and after the fieldwork is undertaken, as well as for homework.
- You can work in groups to gather information **BUT you MUST PREPARE and SUBMIT YOUR OWN REPORT.**

NOTE: All maps and images used should be completed using BOLTSSNA.

A: Location

1. Show the study area using a regional map of Melbourne. You should mark and name this area.
2. Describe the **relative location** of the study area from the Melbourne CBD.
3. Mark the path taken. Use a legend (key) to show this path. You will be adding to this map in *Section C: Landscape*.

B: History

1. What did the Merri Creek use to be like (pre-European history)?
2. What happened to the Merri Creek after European settlement?
3. What is it like now?

C: Landscape

1. You will need to draw 3 profiles of Merri Creek.
 - a. You should label all geographical features. Use your observations and this profile to describe the physical landscape.
 - b. Do the profiles change at all? How do they change? Why do you think they change?
2. Use annotated photos of at least 5 sites (your choice) to describe the physical and human landscape. Things that you can identify include:
 - a. **Human landscape:** *buildings, roads, railways, bridges, car parks, landmarks e.g. statues, etc.*
 - b. **Physical landscape:** *streams, trees, open spaces, grassy areas, coastal areas, rocks, marshland, relief (whether the land is steep or flat), etc.*
 - c. Remember to identify the location of each site.
3. You will need to create an overlay for your map that shows all the areas that can be affected by flooding. Remember to take photographs of the maps showing these areas.

D: Land Use

1. You must identify the types of current land use around the Merri Creek and provide evidence (photos).
2. You need to complete a survey of land use.
 - a. You will need to keep a record of how many people we see and how they are using the Merri.
 - b. This information should be presented as a graph in your field report.
 - c. You will need to **analyse** these results – what do they tell us about the Merri Creek area?

E: Issues

1. **Describe** the impact that human use has had on i) the landscape and/or ii) people. Where possible, use **evidence** e.g. photographs and satellite images to support your answer. You might find a graphic organiser useful to map your thinking here.
2. **Explain** what issues have arisen as a result of human impact on this environment. What are the problems that the area now faces due to human use of the environment?

3. **How** has the environment affected people living in the area?

F: Managing the issues

1. What management strategies have been implemented (put in place) to address issues relating to the Merri Creek?
2. Provide evidence of these strategies e.g. sketches, photos, videos.

One way of presenting your findings is to use a table. See below. You can include **photos** in the evidence boxes.

Issue / Problem	Evidence	Management Strategy	Evidence

G: Conclusion

1. Complete a SWOT chart on the Merri Creek

Strengths – what are the good points of the creek and its area?	Weaknesses – what are the weak points and negatives of the creek and its area?
Opportunities – what good things that could be done with the area? What opportunities does the creek offer?	Threats – what are the bad things that could happen to the area? What could be done to negatively impact the creek and its surroundings?

2. Write a **conclusion** stating your overall opinion of whether the Merri Creek is a well-managed waterway based on your findings and evidence.

H: Evaluation and Recommendations

1. Suggest changes that could improve the management of the Merri Creek. **Explain** how these changes will improve the management of the Merri Creek.

Don't forget – you need to include a bibliography that records the sources of the images and information used in this field report.

Criteria:

Criteria	5	4	3	2	1	0
<u>Knowledge:</u> <ul style="list-style-type: none">• Showed a good knowledge of the history of the Merri Creek• Accurately stated the relative distance of the study area from the Melbourne CBD• Identified the issues that the Merri Creek faces• Identified solutions that have been used to help manage these issues						
<u>Understanding: (x2)</u> <ul style="list-style-type: none">• Explained the issues that the Merri Creek faces• Completed a detailed SWOT analysis chart• Stated and justified an answer to the overall question (conclusion)• Proposed and discussed logical solutions to improve the management of the Merri Creek						
<u>Fieldwork and Data Collection:</u> <ul style="list-style-type: none">• Collected thorough and accurate data using a variety of fieldwork techniques• Worked productively with others to gather data• Completed 3 labelled profiles of the Merri Creek						
<u>Use of geographical conventions:</u> <ul style="list-style-type: none">• Included an accurate map, completed with BOLTSSNA which shows the study area as well as an overlay with areas which regularly flood• All charts and images were accurately titled or captioned						
<u>Language:</u> <ul style="list-style-type: none">• Used specific geographical terms• Used correct spelling, grammar and punctuation						
<u>Originality and Referencing:</u> <ul style="list-style-type: none">• Work was written in your own words (no 'copy and paste')• All sources used were referenced in detail according to guidelines						
<u>Structure and Presentation:</u> <ul style="list-style-type: none">• Work was presented according to the guidelines, and was neat and readable• Information was logically organised and made use of dividers such as subtitles						