

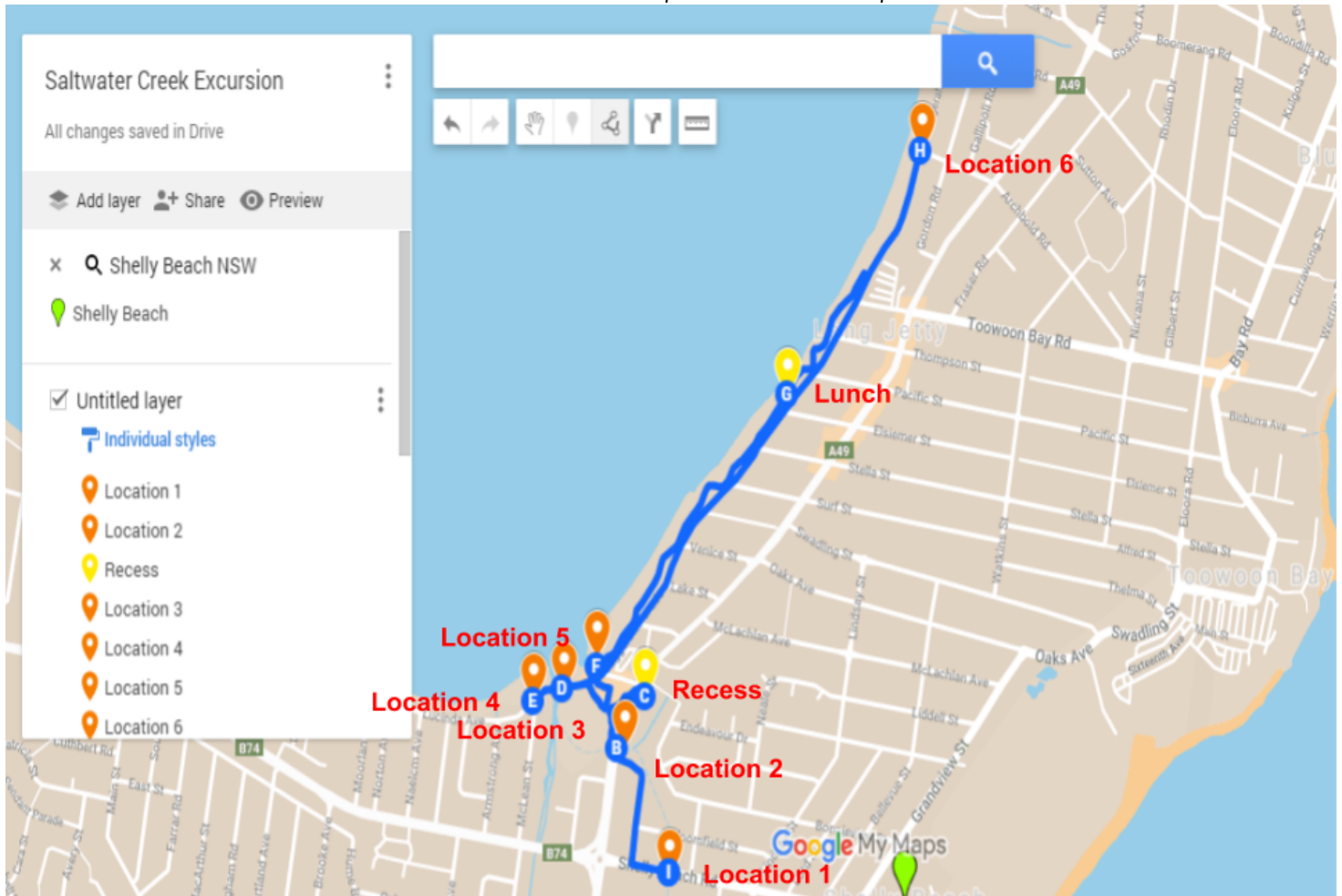
Saltwater Creek & Tuggerah Lakes Estuary Geographical & Scientific Case Study



Group Members: _____

On our excursion today we will be visiting **six** different locations. At each location we will observe Saltwater Creek and Tuggerah Lakes Estuary exploring how it is used and maintained. During this excursion there are a number of pieces of information you and your group will need to gather. This information will help you develop a short presentation about Saltwater Creek and Tuggerah Lakes Estuary which will be an assessment item.

The map below shows you the different locations we will be visiting today. Each location has a set page in this booklet for you to record your information.



Saltwater Creek - Location One: Next to the school



Look closely at the environment of Saltwater Creek in our first location.

- What do you see, observe or notice?

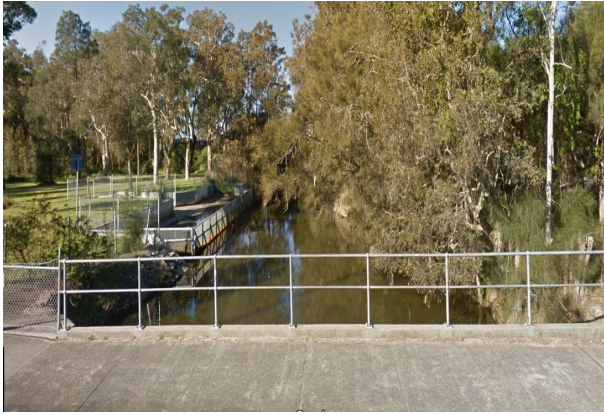
• What changes are man-made? What changes are natural?
How does that impact this environment?

- What wonderings do you have about this environment?

Take a snapshot of this environment with the iPad.

In the space below create a fieldwork sketch of this environment. This means draw a sketch of what you see and label its key features.

Saltwater Creek - Location Two: Causeway



Look closely at the environment of Saltwater Creek in our second location.

- What do you see, observe or notice?

• What do you think the purpose of this man-made structure is? Why is it important?

- What wonderings do you have about this environment?

- Undertake a rubbish audit of this environment, representing your data in the space below.

Take a snapshot of this environment with the iPad.

Saltwater Creek - Location Three: Bridge



Look closely at the environment of Saltwater Creek in our third location.

- What do you see, observe or notice?
- Why do you think the bridge was put in this location?

- What wonderings do you have about this environment?

Take a snapshot of this environment with the iPad.

In the space below create a fieldwork sketch of this environment. This means draw a sketch of what you see and label its key features.



Saltwater Creek - Location Four: Boardwalk

Look closely at the environment of Saltwater Creek in our fourth location.

- What do you see, observe or notice?
- How and why do you think they have tried to improve this environment by building the boardwalk?
- What wonderings do you have about this environment?

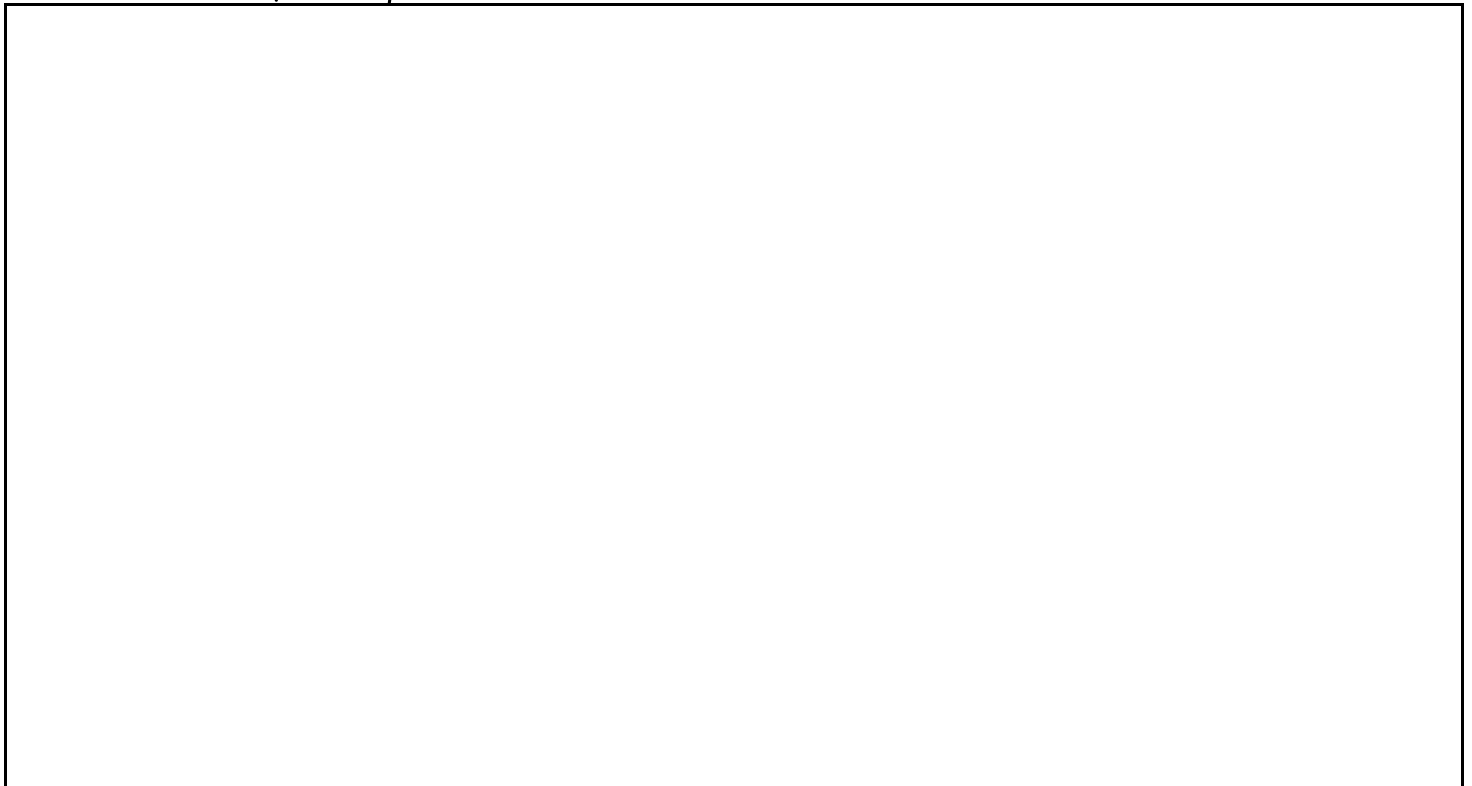
Take a snapshot of this environment with the iPad.

In the space below create a fieldwork sketch of this environment. This means draw a sketch of what you see and label its key features.

Look around you at the environment. Make a list and take photographs of the different types of plants and animals you see in this environment. The boardwalk signs will help you to identify the different names of the birds you see. This is called a biodiversity study.

PLANTS	ANIMALS

Create a mind map of ways this environment is used.



Saltwater Creek - Location Five: Boat Ramp Viewing Platform



Look closely at the environment of Saltwater Creek in our fifth location.

- What do you see, observe or notice?
- How do you think people use this area? What makes you say that?
- What do you think the impact of these uses are on the waterways, plants and animals? What makes you say that?
- How do you think people have tried to preserve this area and the surrounding waterways for future generations?
- What wonderings do you have about this environment?

Take a snapshot of this environment with the iPad.

Saltwater Creek - Location Six: Long Jetty Foreshore



Look closely at the environment of Tuggerah Lakes Estuary in our sixth location.

- What do you see, observe or notice?

- Examine some of the historical posters that give a snapshot into the past. Choose **three** and make comparisons between the past and the present. **Take a snapshot of the environment and your chosen posters.**
