

YEAR 7 GEOGRAPHY

WATER IN THE WORLD-

TOOMUC CREEK FIELDWORK

RJ CHAMBERS FLORA AND FAUNA RESERVE

Lyre Bird Walk – 1.6kms Acacia Walk – 1.1kms
 Kangaroo Trail – 1 km Echidna Path – 770m
 Hakea Circle – 500m Wombat Track – 540m

- Self-guided trail - - - -
- Horse riding track - - - -
- Sign post
- Toilet
- Parking Lat 37° 59' 13" S
Long 145° 29' 36" E
- Picnic area
- Playground
- 10m contour

HOW TO GET THERE

RJ Chambers Flora and Fauna Reserve is located on Bourkes Creek Road, Pakenham Upper (Melway ref: 313 G8). It is a 10-kilometre drive south of the Emerald township. From Emerald, travel south on Beaconsfield-Emerald Road, then turn left onto Bourkes Creek Road. Travel along this scenic road for about 3.8 kilometres.

- Please leave everything as you find it along the way and enjoy your walk.
- Please note, this walk is steep in some sections and may be difficult for some visitors.

We hope you have enjoyed the walking trail. Feel free to take the notes home, or please return them to the box at the beginning of the walk.

Student name: _____

Geography Teacher: _____

WATER FIELDWORK DATA RECORD BOOKLET – TOOMUC CREEK

SITE 1- TOOMUC CREEK off Princess HWY (Urban area)

SITE 2- TOOMUC CREEK RJ CHAMBERS RESERVE

Site 1: Water testing

1. Conduct tests using provided equipment and record findings below (6 marks)

Temperature & Ph	
Turbidity	
Salinity	
Width & Depth	
Flow	
Biodiversity	

Site 1: Wetlands Observations

1. Describe the environment at this location (What does it look like? What's around?) (2 marks)

2. Describe the weather current and recent weather conditions and what impact this has had on the environment (2 marks)

3. Study the sign on the edge of Creekwood Village Wetlands. **Describe** the role of the wetlands in protecting the quality of the water in Toomuc creek. (1 marks)

4. Provide a Fieldwork Sketch showing the land use around the creek at this location.
 Make sure you include BOLTSS and that you label your sketch
 Use your camera/phone to take photos if you would like to refer to them later (3 marks)

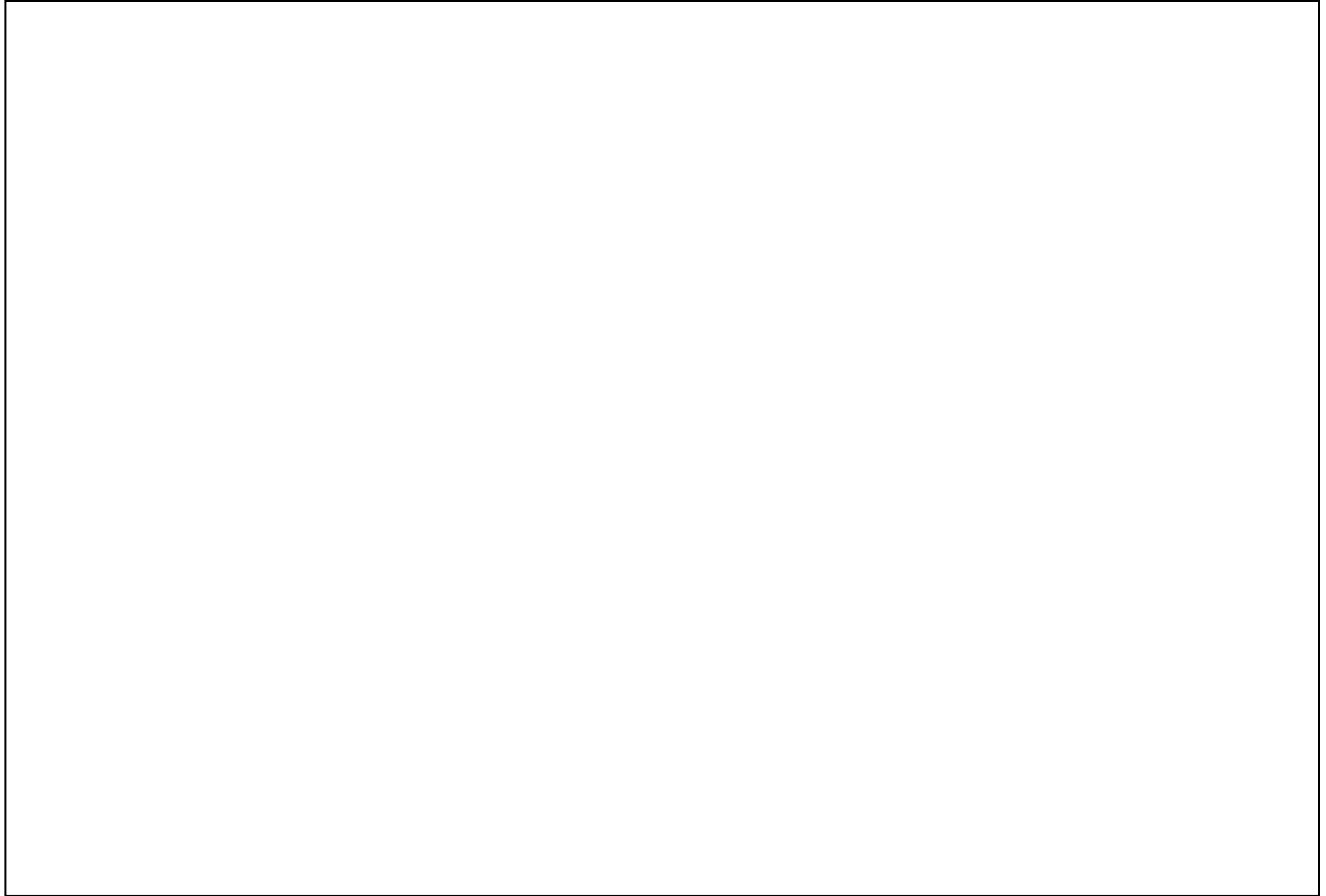
Site 1: Toomuc Creek Observations

1. As you walk along the creek make notes in the table below to describe your observations.
 Also provide a rating from 1 (excellent) – 5 (very bad) (4 marks)

	Rating	Observations (give reasons as to why you rated it what you did)
Litter		
Water colour		
Odour		
Surface Film		

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2. Draw a Fieldwork Sketch (From the bridge) to show the creek environment at this location. (3 marks)



Site 2: Water testing

1. Conduct tests using appropriate equipment and record findings below (6 marks)

Temperature & Ph	
Turbidity	
Salinity	
Width & Depth	
Flow	
Biodiversity	

2. Observe the following and comment appropriately in the space provided below.
Also provide a rating from 1 (excellent) – 5 (very bad) (4 marks)

	Rating	Observations (give reasons as to why you rated it what you did)
Litter		
Colour		
Odour		
Surface Film		

Site 2: Observations, Photos & Field sketches

1. Describe the environment at this location (What does it look like? What's around?) (2 marks)

2. Who do you predict would use R J Chambers Flora and Fauna Reserve and how would they use it? (2 marks)

3. Overall which site had superior water quality and why? (2 marks)

4. Provide a Fieldwork Sketch showing the land use around the creek at this location. (3 marks)
Make sure you include BOLTSS and that you label your sketch
Use your camera/phone to take photos if you would like to refer to them later

