

World of Water map Quest: Exploring Melbourne's catchments

Name: _____

⇒ Start at: [World of Water](#)

⇒ Step 1: Click on **Waterways**, then find **Rivers & Creeks – Water catchments**

1. What is a catchment? _____

2. Describe the two different types of catchment?

⇒ Step 2: Click on **What is a reservoir**

3. Write a definition of a reservoir. _____

4. What is the capacity of Melbourne's major reservoirs?

5. Describe the two types of reservoirs.

6. Draw a sketch map showing the location of Melbourne's major reservoirs.

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⇒ Step 3: Go to **Water where it's needed**

7. Add to your sketch map in question 6, the factors that affect the placement of reservoirs.

8. Explain in your own words why Melbourne has high quality water.

9. Watch the video **Greater Melbourne** and answer the following questions

a. Which reservoir is at the heart of the system? _____

b. Describe how water from Maroondah moves across the system?

c. Where does water from the Tarago reservoir go? _____

d. Where does water from the desalination plant enter the system?

10. Suggest reasons why moving water between reservoirs helps secure our water supply.

⇒ Step 4: Click on the **Daily Tracker**

11. What are Melbourne's water storage levels today?

Click on **Learn more**

12. What were they the same time last year? _____

13. What were they the same date five-years ago? _____

⇒ Step 5: Select **Water use**

14. What is Melbourne's total water use? _____

15. Is this an increase or decrease from the average? _____

16. Suggest reasons why there has been an increase/ decrease.
