

The life cycle of water at Jamberoo Action Park

Teachers Notes

EXERCISE 1: Fill a glass with water and place it on a windowsill. Each day, use a ruler to measure the water level in the glass. What is happening to the water?

Answer: The water level is getting lower because the water is evaporating

EXERCISE 2: You can see precipitation for yourself! Take a cloth or tissue and scrunch it into a ball. Fill a glass of water and very slowly drip the water onto the cloth. After a little while, it will be so full of water that it will start to drip out of the cloth - This is precipitation!

QUESTION 1: Do you know what a catchment area is?

Answer: An area where rain is collected for human use

QUESTION 2: Can you name a chemical used to treat water at Jamberoo and explain what it does?

Answer: Chlorine is used to kill bacteria and germs

QUESTION 3: What are three things that water is used for at Jamberoo?

Answers: Rides / attractions, drinking, every day use, gardening

QUESTION 4: What are some ways that you could recycle water in your home?

Answers: May include – Keeping a bucket in the shower to collect water for gardens, use of bathwater for gardens etc.

QUESTION 5: Name two ways in which water can be lost at Jamberoo

Answers: May include – Evaporation (from pools or gardens), gardening, soaking into the soil (ground water) and being moved around or taken away with guests.

DISCUSSION 1: What are some ways you use water at home? Are these different from how water is used at Jamberoo?

DISCUSSION 2: Why is recycling water important?

DISCUSSION 3: Can you think of some ways you can reduce water loss at home?

You can point out the dams to the students from the chairlift!