

Name \_\_\_\_\_

## Above Ground Water Sources - Student Worksheet

Rain is the initial source of fresh water

### Making Rain - Teacher Demonstration

What did you observe in the cooling bag?



\_\_\_\_\_

\_\_\_\_\_

Rainwater must be collected together to form a large reservoir and transferred to where it is needed.

### Water Always Flows Downhill - Student Activity

In Science we always test our ideas to make sure they work.

#### Materials

- A sloping waterproof surface.
- A straw, Pasteur pipette or small container for holding water.

#### Method

1. Hold the water container one hand's height above the sloping surface.
2. On a count of three gently pour or release the water onto the surface.



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3. The direction of water movement in each case should be observed, counted and entered into the table provided.

	Up slope	Down slope	Across Slope
Student observation tally			
Total			

Which way does water flow? \_\_\_\_\_

Why is there always a hollow or depression around a drain in the schoolyard?

\_\_\_\_\_

Why isn't the bottom of your shower at home flat?



\_\_\_\_\_

Why do some areas of the schoolyard always have puddles?

\_\_\_\_\_



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### Rainwater Collectors

What is the source of water in this tank? \_\_\_\_\_



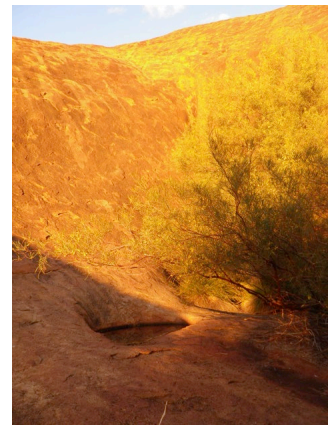
Water can be collected from house roofs and downpipes and directed into rainwater tanks for storage. It is filtered to remove any dead leaves or material from the roof and to prevent birds, frogs and lizards from entering. Does your house have a rainwater tank?

\_\_\_\_\_

Does your school collect rainwater? \_\_\_\_\_

Rainwater falling over large rocky outcrops or areas of concrete can also be collected as runoff into town dams. The rock or concrete does not allow the water to sink into the soil. These are relatively common in the Central Wheatbelt of WA.

Does your town have a water collecting rock?



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