



# SCOUT ENVIRONMENT AWARENESS PROGRAM



## Water Cycle Quiz

A fun way to build on and test general knowledge about water.

*Suitable for Cubs and Scouts*

### Award Scheme Links

Cubs:

- Waterwise Badge – Water and the Natural Environment
- Waterwise Badge – Game

### Objectives

- Gain a sense of the general knowledge that participants have about water.
- Test

### Materials

- Selection of questions, such as those listed below

### Activity

1. Form participants into a straight line in front of you.
2. The statements below have true/false answers. As you finish reading each statement, participants need to decide the answer, then answer true by running left and answer false by running right.
3. After a few practice goes you can start eliminating participants who either are the last to cross the safe line or who answer incorrectly. Define a line or similar if there is no obvious safe point.
4. The winner is the last one standing.
5. After each statement, be sure to provide the correct answer, and an explanation if required.

*This activity is often run in conjunction with the Water Cycle Activity and It's Raining Tennis Balls.*

1. Oceans are made of water. **T**
2. If you splash water on yourself, you will still be dry. **F**
3. When snow melts it becomes water. **T**
4. The Swan River runs through Perth. **T**
5. If something is aquatic, it means that it grows on land. **F** (it lives in, grows in or frequents water)
6. When water leaves the earth's surface and goes into the air, it is called evaporation. **T**
7. Groundwater is the water in the trees. **F** (it is the water underground, occupies the pores and spaces in the rock and soil)
8. Only 1% of the earth's water is fresh water. **T**
9. Lakes, rivers and ponds act as natural filters. **T**
10. The oceans are all separate from each other. **F** (no they are all interconnected)
11. Chopping down trees will increase the amount of water in the salt at the earth's surface. **T**
12. Water leaving trees and plants is called transpiration. **T**
13. Fresh water is heavier than salt water. **F** (salt water is heavier than fresh water)
14. Polluted groundwater does not harm wetlands and rivers. **F** (it does, as they are all interlinked)
15. The area of land which collects the rainfall is called a catchment. **T**
16. The amount of water in the earth's environment is always changing. **F** (it remains the same all the time, just changes type)
17. At any one time, 25% of the earth's surface is covered by cloud. **F** (its actually 50%)
18. Perth's drinking water comes mainly from dams. **F** (most comes from groundwater)
19. Damming a river will speed up the flow of the water in a river. **F**
20. Water only occurs as a liquid. **F** (it also occurs as a solid (ice) and a vapour/gas)
21. Aquifers are underground stores of water. **T**
22. Macroinvertebrates are the little bugs that live in the water. **T**
23. Another name for the water cycle is the geological cycle. **F** (its also called the hydrological cycle, hydro meaning water. Geo means earth.)
24. Another name for a dam is a weir or reservoir. **T**
25. Humans need water to survive. **T**