

**ARIZONA WATER FESTIVAL  
STUDENT QUESTIONNAIRE**



Dear Teachers,

The purpose of this student questionnaire is to assess student learning due to their participation in the water festival unit (the pre and post festival lessons, and the festival itself). Teachers should administer the questionnaire before beginning the pre-festival lessons and after finishing the unit (including the post-festival lessons). Prior to the water festival unit, please tell students that this is not a test, and they may or may not know the answers. Students will need about half an hour to complete the questionnaire. Please administer the post-festival questionnaire no more than four weeks after the Water Festival. The key is available if you are interested in grading it for your own classroom purposes. Otherwise, APW will analyze the data the summer after the Water Festival and compile the results in an impact report.

**Pre- and post-festival student questionnaires should be sent to:**

**Arizona Project WET  
University of Arizona  
Cooperative Extension, Maricopa County  
4341 East Broadway Road  
Phoenix, AZ 85040**

Listed below is the color of the paper used for each questionnaire:

- Pre-festival student questionnaire = **GREEN**
- Post-festival student questionnaire = **YELLOW**

OR clearly distinguish pre and post questionnaires! Were there any issues that affected you or your students in the process of conducting the pre-festival and/or post-festival questionnaires? Please explain:

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Please list any students who were absent for either the pre- or post-test, or who were absent on the day of the Water Festival itself.

**The package should be sent no more than 5 weeks after the Arizona Water Festival.**

## Student Questionnaire – Arizona Water Festival

Circle one:

Pre-Water Festival

Post Water Festival

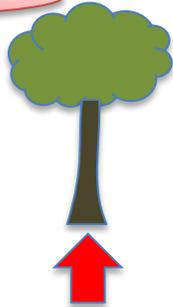
Name: \_\_\_\_\_ Date: \_\_\_\_\_ School: \_\_\_\_\_ Teacher: \_\_\_\_\_

1) Circle the word or phrase that best completes this sentence: A \_\_\_\_\_ is a land area that drains to the low points.

- a. storm water event
- b. rock bed
- c. groundwater
- d. watershed
- e. water hole

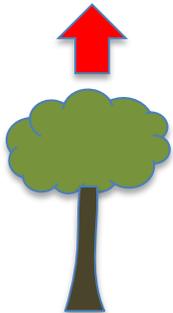
2) What form is water when it goes into a plant? (Circle the correct letter.)

- a. Gas
- b. Solid
- c. Liquid



3) What form is water when it goes out of a plant? (Circle the correct letter.)

- a. Liquid
- b. Gas
- c. Solid



4) Which earth material will water move more slowly through? (Circle the best answer.)

- a. Gravel
- b. Sand
- c. It will travel the same speed through both.
- d. It won't move through either.

5) **Circle the sentences that are TRUE about watershed managers. Put an X through the sentences that are FALSE about watershed managers.**

I am a watershed manager.

Picking up trash at school helps manage the watershed.

~~Only adults are watershed managers.~~

~~Only people with jobs can manage the watershed.~~

Picking up pet waste is part of a watershed manager's job.

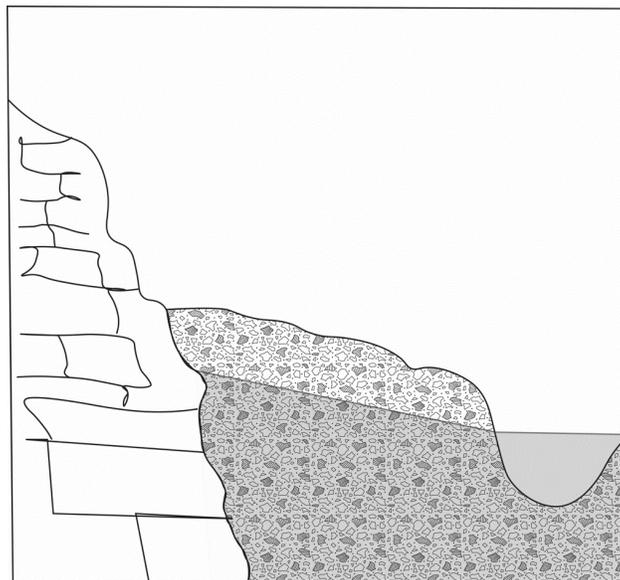
Everyone is responsible for managing the watershed.

6) **What is technology? (Circle ALL that are correct.)**

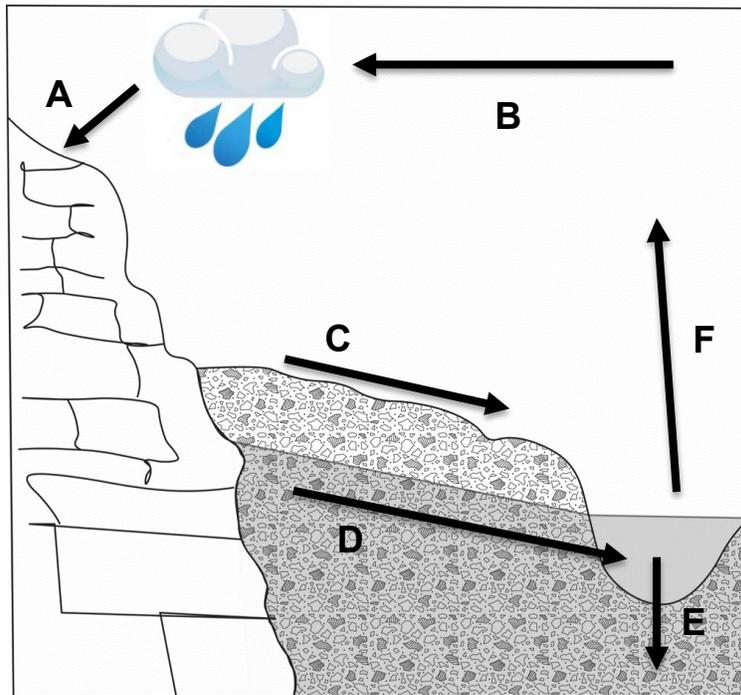
- a. Only objects that use electricity.
- b. Only things that connect to the internet.
- c. Anything that makes our lives easier or better.**
- d. Only things that use a motor.

7) **Look at the picture below. How did water get in to the lake? (Circle the best answer.)**

- a. Lake water moved in to groundwater.
- b. Groundwater moved in to the lake.**
- c. Water evaporated from the lake.
- d. None of the above.



8) The arrows in the drawing below show water cycle processes. Use the drawing to answer the question below.



Write in the letter of the arrow next to the matching word.

Precipitation   A    
Evaporation   F  

Runoff   C    
Percolation   E  

Condensation   B    
Groundwater Flow   D  

9) **Circle the sentences that are TRUE about groundwater. Put an X through the sentences that are FALSE about groundwater.**

~~Groundwater never moves.~~

Groundwater is part of our drinking water supply.

Groundwater is connected to surface water.

~~Groundwater forms a big lake underground.~~

~~Groundwater is not part of the water cycle.~~

Groundwater goes through the spaces between sand and rocks.

10) Do the technologies shown in the pictures below contribute to water conservation? Please circle TRUE or FALSE for each picture.

