

From the Mountains to the Estuary: From the Schoolyard to the Bay

Meaningful Watershed Experiences for Grade 6 Students

Created by:



**With grant support from
The NOAA Bay Watershed Education Training (B-WET) Program**



In partnership with:



**Occoquan Bay National Wildlife Refuge
Manassas Battlefield National Park**



Creating Analogies

River Talk Analogies of a Watershed

Directions: Write down the definition of each of the watershed vocabulary. Then use your logic to figure out the relationship between the first pair of words, and apply that same relationship to fill in the blank in the second pair of words.

Watershed vocabulary:

aquifer, arid, catchment, condensation, dam, drainage basin, drought, ecosystem, evaporation, floodplain, ground water, headwaters, hydrologist, main stem, mouth, precipitation, recharge, reservoir, riparian, runoff, sub basin, transpiration, tributary, watercourse, watershed

1. inhalation: exhalation / precipitation: _____ (*hint: leads to*)
2. ranch: barn / _____ : river or body of water (*hint: dwells next to*)
3. condensation: _____ / headwaters: mouth (*hint: is the opposite of*)
4. tributary: _____ / branches : tree (*hint: connects to*)
5. drought: _____ / hunger: food (*hint: is a lack of*)
6. dam: _____ / stoplight: traffic (*hint: regulates*)
7. aquifer: _____ / refrigerator: food (*hint: stores*)
8. ecosystem: watershed / musicians : _____ (*hint: makes up*)
9. _____ : water / doctor: medicine (*hint: one who studies*)
10. humid: _____ / wet: dry (*hint: is the opposite of*)
11. sub basin: _____ / team: league (*hint: is part of*)
12. recharge: _____ / deposits: bank account (*hint: adds to*)
13. dam: _____ / plug: bath (*hint: holds back*)
14. watercourse: _____ / highway: traffic (*hint: is where*)
15. catchment: _____ / glove: baseball (*hint: is used for*)

Creating Analogies

River Talk Analogies of a Watershed

1. inhalation: exhalation / precipitation: transpiration (hint: leads to)
2. ranch: barn / riparian : river or body of water (hint: dwells next to)
3. condensation: evaporation / headwaters: mouth (hint: is the opposite of)
4. tributary: main stem / branches : tree (hint: connects to)
5. drought: precipitation / hunger: food (hint: is a lack of)
6. dam: river / stoplight: traffic (hint: regulates)
7. aquifer: water / refrigerator: food (hint: stores)
8. ecosystem: watershed / musicians : orchestra; band (hint: makes up)
9. hydrologist : water / doctor: medicine (hint: one who studies)
10. humid: arid / wet: dry (hint: is the opposite of)
11. sub basin: basin / team: league (hint: is part of)
12. recharge: groundwater / deposits: bank account (hint: adds to)
13. dam: reservoir / plug: bath (hint: holds back)
14. watercourse: water / highway: traffic (hint: is where)
15. catchment: watershed / glove: baseball (hint: is used for)

Source: Discover A Watershed: Watershed Manager Educators Guide, 2009