



## Water Wizard



What fixture accounts for the greatest percentage of inside water use?



**The toilet**



How do you check your toilet for silent leaks?

- a) put food coloring in the tank
- b) put a microphone in the tank.



**A. Put food coloring in the tank.**



What is the process of sun warming water and changing it into vapor called?

- a) Condensation
- b) Evaporation



**B—Evaporation**



Name the place that produces power by using water.

- a) Hydro-electric plant
- b) Reservoir



**Hydro-electric plant**



Why is it important to conserve water in Southern California?

- a) It is hotter in So. Cal and we use more water.
- b) The water sources are limited in So. Cal.



The water sources are limited in So. Cal.



How many gallons of water are wasted when the water runs while you are brushing your teeth?

- a) 2-3 gallons
- b) 5-7 gallons



2-3 gallons



To conserve water we should limit our showers to

- a) 3-5 minutes
- b) 10-15 minutes



3-5 minutes



What is a Xeriscape?

- a) landscape that uses grass and ponds.
- b) landscape that uses drought tolerant plants.



Landscape that uses drought tolerant plants.



Name a song, place or event with a water word in it.



(varies)



How many gallons of water are used in the process of manufacturing a car?

- a) 100 gallons
- b) 100,000 gallons



100,000 gallons



What percentage of the earth's surface is covered with water?

- a) 40%
- b) 80%
- c) 92%
- d) 65%



**b**



Water is found on earth naturally in three forms. What are they?



**solid, liquid, gas**



People can survive for this long without water.

- a) A few seconds
- b) A few weeks
- c) A few days
- d) A few months



**c**



What amount of water on earth is available for our consumption?

- a) 10%
- b) 25%
- c) 80%
- d) less than 1%



**d**



Water moves from place to place and changes states in a process called the

\_\_\_\_\_.



**water cycle**



The volume of earth's water is constantly changing. (true or false)



**false**



Potable water is drinkable water. (true or false)



**true**



The chemical symbol for water is \_\_\_\_\_.



**H2O**



The steps of the water cycle are \_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.



**evaporation, condensation, precipitation, percolation, runoff**



The energy to make the water cycle work is provided by

- a) the solar system
- b) the sun
- c) decomposition
- d) the moon



**b**



Precipitation can be in the form of

- a) rain
- b) sleet
- c) snow
- d) all of the above



**d**



MWD staff monitors water quality around-the-clock, and performs more than \_\_\_\_\_ tests each year to ensure drinking

water safety, taste and clarity.

- a) 300
- b) 3,000
- c) 30,000
- d) 300,000



**d**



You can conserve water by

- a) not using your toilet as a trash can
- b) turning off the faucet as you brush your teeth
- c) taking a 3-5 minute shower
- d) all of the above



**d**



The water coming out of your faucet could contain molecules that dinosaurs drank. (true or false)



**true**



The process of adding a chemical to kill waterborne microorganisms is?

- a) sedimentation
- b) flocculation
- c) disinfection
- d) filtration



**c**



To flush the toilet, how much water is used?

- a) 1-3 gallons
- b) 4-7 gallons
- c) 8-11 gallons
- d) 12-15 gallons



**b**



Running a dishwasher once a day takes how much water?

- a) 15 gallons
- b) 18 gallons
- c) 20 gallons
- d) 22 gallons



**a**



Turning the water off while you brush your teeth saves how much water per brushing?

- a) less than 1 gallon
- b) 1 gallon
- c) 2.5 gallons
- d) 3.5 gallons



**d**



Underground water basins are called?

- a) aqueducts
- b) aquifers
- c) surface runoff
- d) canals



**b**



\_\_\_\_\_ water can be used for almost everything except drinking.



**reclaimed**