



Imagine a Day Without Water

October 10, 2018

Imagine a Day Without Water Trivia Contest Sheet

General Water Knowledge

1. How many gallons of water does the average American use a day?	1.
2. Over 65 percent of the world's supply of freshwater is located in _____.	2.
3. Less than _____ percent of the world's supply can be used as drinking water.	3.
4. One gallon of gasoline can contaminate approximately how many gallons of water?	4.

Embodied Water

1. How many gallons of water does it take to grow one Apple?	1.
2. How many gallons of water does it take to make one car?	2.
3. How many gallons of water does it take to make one bicycle?	3.
4. How many gallons of water does it take to yield one beef steak?	4.
5. How many gallons of water does it take to make one glass of wine?	5.

Our Local Water System (Fill in with questions specific to your area)

1. What watershed do we live in?	1.
2. Where does our drinking water come from?	2.
3. Where does our treated wastewater go after it leaves the plant?	3.

State of our Water Infrastructure

1. How often does a water main burst in the US?	1.
2. Every year _____ gallons of untreated wastewater and stormwater are released to water bodies without being treated.	2.
3. Much of the nation's underground pipes have a lifespan of _____ to _____ years and are due for replacement.	3.

National Water Investment Gap

1. The US is currently funding what proportion of its water infrastructure needs?	1.
2. At a national level, by how much is the US underinvesting in water infrastructure annually compared to the need?	2.
3. From 1977 to 1944 federal contribution to water infrastructure capital spending has declined from 63% to what percent?	3.
4. How much money needs to be invested in water infrastructure over the next 20 years to get to a state of good repair?	4.
5. The federal government spends ____ times more resources upgrading and maintaining IT infrastructure of federal agencies than it does repairing water systems.	5.

Cost of National Inaction on Water

1. A one-day national disruption in water service would cause a loss of how much in national GDP?	1.
2. What percent of Americans support a proactive program of water upgrades rather than waiting for systems to fail?	2.
3. What percent of Americans support increasing federal investment to rebuild our water infrastructure?	3.

Economic Benefits

1. How much money would be generated in economic activity by funding the annual water infrastructure investment need?	1.
2. How much would US businesses save in sales per year if the investment gap were closed?	2.
3. Closing the national water infrastructure investment gap would create how many American jobs?	3.
4. Employment opportunities in water infrastructure sectors provide a wage that is what percent above the national average?	4.
5. The number of jobs supported annually by funding the water infrastructure gap is greater than the employed workforce in how many states?	5.