

Water Quality and Conservation

What do you think this quote means?
Take a minute to think about it, then
write it in your own words.

Water is the most
basic of all resources.
Civilizations grow or
wither depending on
its availability.

—Dr. Nathan W. Snyder
Ralph M. Parsons Engineering

5,000-6,000 children die each day— that's one child every 15 seconds— because they lack access to clean drinking water. The United Nations has set a goal to reduce the number of people without access to clean drinking water by half: currently, this number hovers around 1 billion. Although the world has the technology and means to meet this goal, success will require significant efforts on the part of governments and individuals.

Did You Know?

An average
American sink
faucet releases
3 gallons of water
per minute.

An average
American
showerhead
releases 5 gallons
of water per
minute.

An average
American bathtub
holds 36 gallons
of water.

An average
American toilet
uses 5.5 gallons
of water
per flush.

An average
American washing
machine uses
40 gallons of
water per load.

An average
American
dishwasher uses
15 gallons of
water per load.

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Water Quiz— Test your knowledge of the following water facts. Work with a partner to answer the following questions. Do research and look up anything you don't know.

1. What is the wearing down or washing away of soil called?
2. Where is 97% of the Earth's salt water supply located?
3. What is the source of energy for the water cycle?
4. What is the chemical symbol for water?
5. What percentage of the Earth's water is freshwater?
6. What percentage of your body is made of water?
7. How long can a person last without water?
8. How many gallons of water does the average person use daily?
9. How many gallons of water are wasted each day in the US by leaky faucets?
10. True or False. A person can drink up to 3 gallons of water a day.
11. True or False. Since soda is made of water, drinking it gives you the same benefits as drinking water.
12. True or False. Water gives your body energy.

How often do you use water each day?

If one two-liter bottle contains about half a gallon of liquid, how many gallons do you use each day?

What will you do to help conserve our water supply?

