



MCC WaterWorks Fun Page



M	A	S	N	R	P	A	A	N	I	Z	N	A	M	A
A	G	H	U	A	M	L	E	U	R	E	U	T	H	I
I	N	O	T	V	D	R	E	S	S	A	W	L	O	J
M	J	U	A	L	O	S	N	C	I	J	G	M	U	A
D	Z	E	O	D	W	A	T	E	R	U	L	U	Q	M
A	I	N	I	S	T	L	I	F	E	I	G	A		
D	V	A	N	D	U	O	S	Z	B	E	I	K		
O	Y	I	B	Y	N	E	S	I	O	L	A	J		
V	A	Z	K	B	A	V	A	V	L	P	H	U		
M	I	J	U	S	A	E	V	E	S	I	T	S		
V	A	H	T	I	L	T	W	A	R	U				
A	R	T	O	E	D	A	Y	J	O	B				
N	E	B	U	A	M	N	I	E	M	I				
N	U	R	A	U	Q	A	V	N	I	G				

How many ways can you say water?

Search across, diagonally, backwards and down for these water words.

- Albanian **UJI** Armenian **DJOUR** Bengali **JAL** Burmese **YEI** Carib **TUNA** Chinese **SHOU EI** Finnish **VESI** French **EAU**
 German **WASSER** Greek **NERO** Haitian Creole **DLO** Hebrew **MAIM** Hindi **PAANI** Hungarian **VIZ** Icelandic **VTAN**
 Italian **AQUA** Khmer **THUK** Korean **MUL** Lebanese **MAILLE** Lithuanian **VANDUO** Norwegian **VANN** Russian **VODA**
 Sardinian **ABBA** Somali **BIYO** Spanish **AGUA** Swahili **MAJI** Tagalog **TUBIG** Vietnamese **NUSC** Zulu **AMANZI**

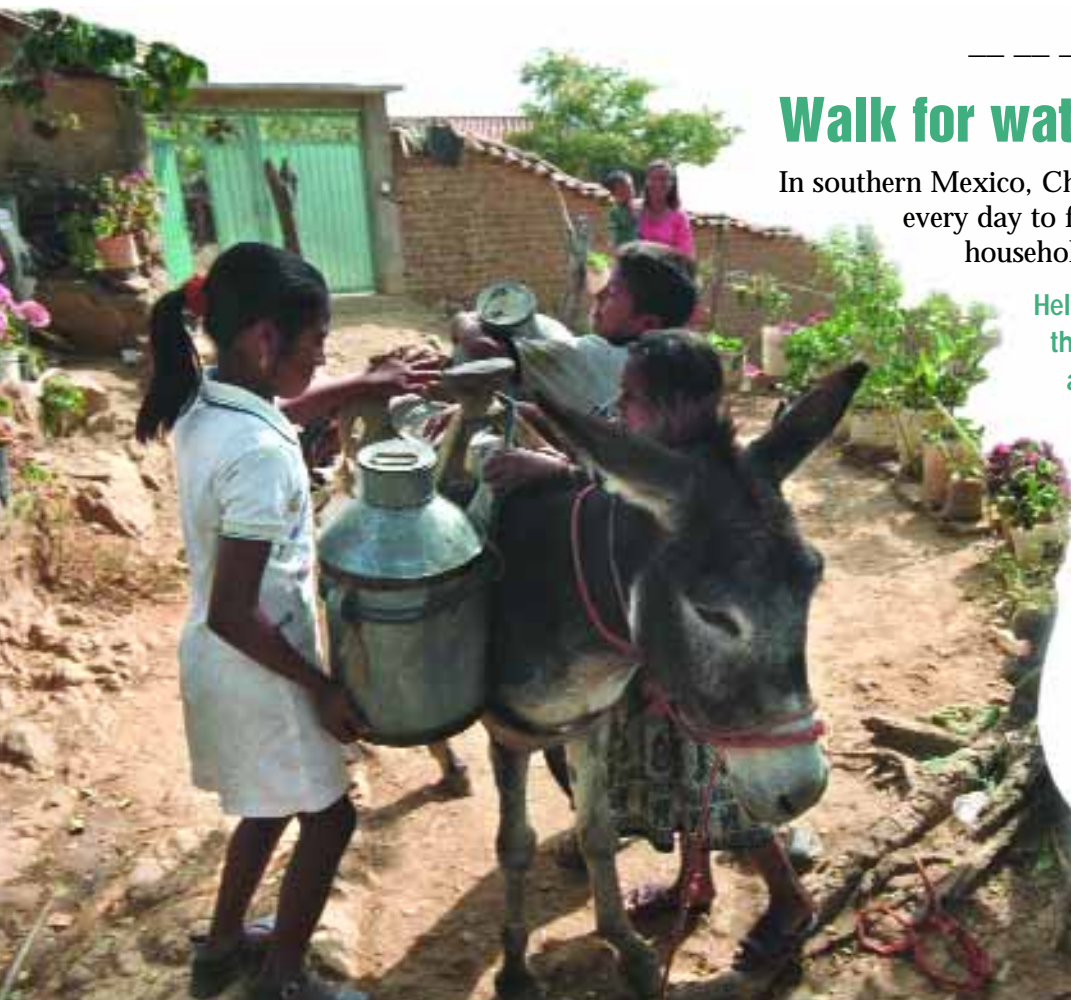
How much water does it take to grow a hamburger?

The fact is that we need water to grow or produce pretty much everything we eat. But you can't tell by the size or texture of a food how much water was actually used to produce it. To grow a hamburger, for example, it takes water to grow the vegetation the cow eats, water for the cow to drink and water for processing the meat. It all adds up.

Try to match each food item with how much water it takes to produce a single serving of it.

Hamburger	11 liters	(3 gallons)
French fries	23 liters	(6 gallons)
Tomatoes	45 liters	(12 gallons)
Watermelon	130 liters	(35 gallons)
Loaf of bread	250 liters	(65 gallons)
One egg	380 liters	(100 gallons)
Chicken	450 liters	(120 gallons)
Rice	570 liters	(150 gallons)
Almonds	1,500 liters	(400 gallons)
Milk	4,900 liters	(1,300 gallons)

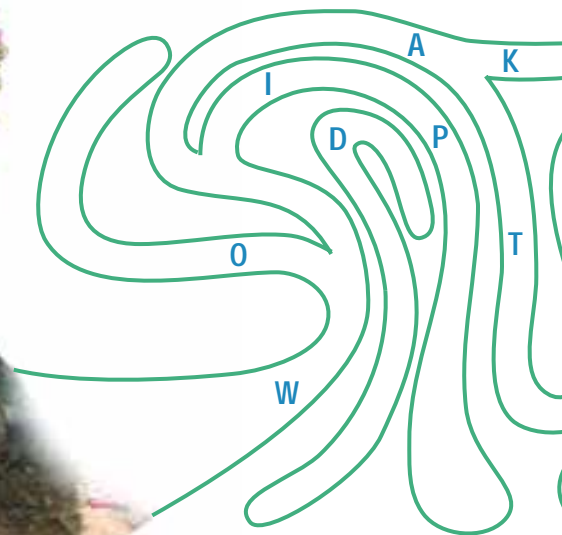
MCC helps communities find enough water to grow the food they need.



Walk for water

In southern Mexico, Christina and Noe walk long distances every day to fetch water. MCC helps families build household tanks so water is closer to home.

Help Christina and Noe find their way to the stream to gather water. On the lines above, write the letters you pass on the path to discover a water message.



How much do you use?

People need at least 50 liters (13 gallons) of water a day for drinking, sanitation, bathing and cooking. How much water do you use when you take a shower, flush the toilet or brush your teeth?

Track your water usage for a day and calculate how many buckets that equals.

- How many minutes did you shower? _____ x 8 = _____ liters
(If you took a bath instead, put 180 liters)
- How many times did you brush your teeth? _____ x 4 = _____ liters
- How many times did you wash your hands? _____ x 4 = _____ liters
- How many dishwasher loads were run? _____ x 76 = _____ liters
- How many loads of clothing were washed? _____ x 40 = _____ liters
- How many times did you flush the toilet? _____ x 11 = _____ liters
- How many glasses of water did you drink? _____ x 0.25 = _____ liters

Add all the numbers in the right column to find out the total liters of water you used. Divide that number by 8 to find out about how many 2-gallon buckets that would be.

How do you compare?

The average Canadian or U.S. citizen uses about 450 liters (115 gallons) of water each day. Compare this to a person living in Mozambique who gets by on about 9 liters (2 gallons).

Can you use less?

Turn off the faucet while brushing your teeth. Take a shower instead of a bath. Get a low-flush toilet to save almost 2 gallons per flush. It all adds up.



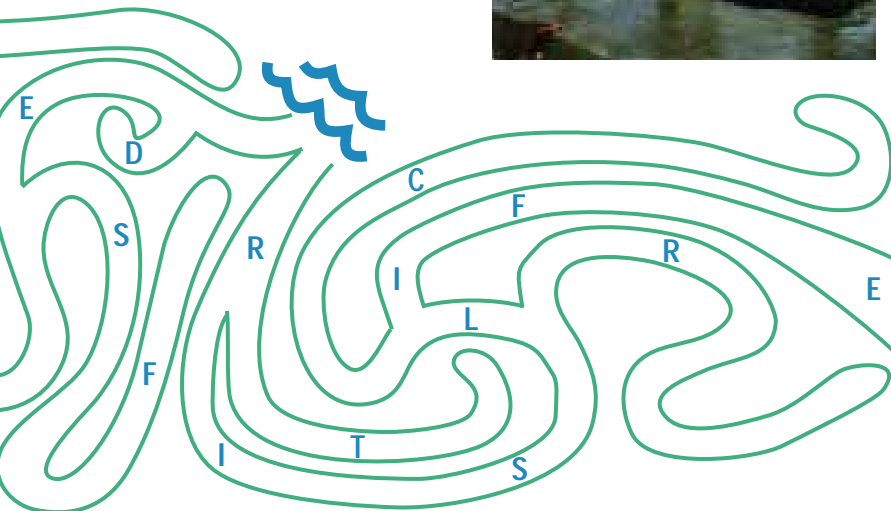
_____ liters
_____ buckets

Enough to share

“Jesus, tired out by his journey, was sitting by the well. It was about noon. A Samaritan woman came to draw water, and Jesus said to her, ‘Give me a drink.’ ... The Samaritan woman said to him, ‘How is it that you, a Jew, ask a drink of me, a woman of Samaria?’

How did Jesus respond to the woman at the well? Look in the Bible — John, chapter 4, verses 6-10.

MCC works with people and governments to solve water disputes and share the water they have so everyone has enough.



Five Fun Facts

1

What shape are falling raindrops?
tear-shaped
hamburger bun-shaped
circle-shaped

2

How much of the water on earth is salt water?
97%
75%
23%

3

How much water does it take to make one car?
650 gallons
6,500 gallons
65,000 gallons

4

A faucet dripping once every second wastes how much water each day?
1 cup
1 liter
1 gallon

5

How long can a person survive without water?
a few hours
a few days
a few months

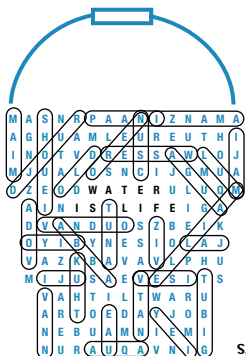


Make it > Tippy Tap

This simple hand-washing station is used to promote good health in places where piped water is not available. Try this with the help of an adult.

- 1> Find a plastic 1 gallon or 5 liter container with a handle.
- 2> Warm the base of the handle with a candle until the plastic is soft.
- 3> With a pair of pliers, pinch the base closed then let it cool.
- 4> With a hot nail, make a hole just above the pinch-closed base of the handle.
- 5> With a plastic net, suspend the bottle from a metal support.
- 6> Make a hole in the center of a bar of soap. Suspend with a string from the plastic net the soap and a plastic or metal cover to protect it from sun and rain.

— Adapted from Centers for Disease Control and Prevention, Foodborne and Diarrheal Disease Branch, www.cdc.gov/safewater.



Five Fun Facts answers
1. hamburger bun-shaped
2. 97%
3. 65,000 gallons
4. 1 gallon
5. a few days
How much water? answers
Hamburger: 4,900 liters
French fries: 23 liters
Tomatoes: 11 liters
Watermelon: 380 liters
Loaf of bread: 570 liters
One egg: 450 liters
Chicken: 1,500 liters
Rice: 130 liters
Almonds: 45 liters
Milk: 250 liters



36¢ provides clean water for a person in Haiti for a month.

You, your family or your Sunday school class can raise money to help people who need water. Ask for a WaterWorks Giving Calendar and stickers from MCC. Or dive deeper with the WaterWorks Toolkit.

Help MCC fill the bucket.



Can you carry water on your head?

In places where people walk a long way to get water, they often must carry it — on their heads. Practice (preferably outside!) this skill with a small bucket of water. Placing a twisted towel on your head first will make it easier.