

Audio	Animated Visual
<p>Girl: Hey! Turn off that tap! Don't waste water! We need it for so many things.</p>	<p>Girl and Friend brushing teeth in bathroom water is running. They are in their pajamas. Girl's pajamas have water droplets as their pattern.</p>
<p>Friend: Like what?</p>	<p>Friend asks Girl question. Faucet is a little leaky—we see and hear dripping.</p>
<p>Girl: Besides drinking, we use water for keeping our parks green, growing the food that we eat, washing our hands, and so much more.</p>	<p>We see a small picture box of a park with a sprinkler and text that reads, Pretty Parks; then, a picture box of a field of crops growing with text that reads, Fresh Food; and finally, between the two pictures, in the middle, we see hands washing over a sink and under running water with the text, Clean Hands.</p>
<p>Girl: Ready for some Tales from the Tap?</p>	<p>Zoom into the sink, hands and running water disappear. Dripping continues and text/title appears: Tales from the Tap: A Conversation about San Francisco's Water.</p>
<p><i>Whoosh sounds of rushing water</i></p>	<p>Rushing water covers the screen</p>
<p>Girl: Do you know where our water comes from?</p>	<p>Back in bathroom, girls still brushing teeth and talking.</p>
<p>Friend:</p>	<p>Zoom to window behind them that reveals that it's raining</p>

<p>Rain, right?</p>	<p>outside. The word Rain is above the window.</p>
<p>Girl: Not just rain! We also get water from melting snow way out in the mountains and from deep under the ground.</p>	<p>To the left of the window, a picture box with snow-capped mountains with snow falling in the foreground appears with the words Snow Melt below the box.</p> <p>To the right of the window appears a picture box with an underground sideview, revealing a small underground water deposit being pumped to the surface. Below the picture box are the words Ground Water.</p>
<p>Friend: Underground water? That's so cool!</p>	<p>The girls, brushing their teeth at the sink, reappear in front of the window with the rain, slightly obscuring the picture boxes</p>
<p>Girl: Yeah! It's called groundwater. We used to drink it way back in the days of the Gold Rush.</p>	<p>The scene tilts up and to the right, so the girls disappear and we can see the groundwater picture box again.</p> <p>We zoom into that picture and the color fades into a sepia-toned scene. A gold miner appears, standing on top of the ground. He has a shovel and a bottle of water. The water pump becomes an old fashioned hand pump.</p>
<p>Girl: Then, in the 1920s and 30s, the Bay Area really started to grow.</p>	<p>We cut to an overhead view of the San Francisco Bay Area, still in sepia tones.</p>
<p>Girl: Some smart engineers in San Francisco figured out a way to bring melted snow all the way from Yosemite to the Bay Area, using</p>	<p>We pull out so we can see an overhead view revealing eastern California, too. Color comes back into the scene.</p>

<p>GRAVITY!</p>	<p>Lines are drawn indicating how water travels from the Sierras to the Bay Area. At the eastern end of the line, the text Hetch Hetchy appears.</p> <p>Zoom into where the Hetch Hetchy text is to reveal a scene with a dam at the edge of a reservoir.</p>
<p>Girl: And get this—as the water travels, it makes clean electricity at the same time!</p>	<p>Zoom out slowly to reveal the pipes that carry the water down from the mountain and toward the Bay Area. From screen left, text appears at different points: Hetch Hetchy where the dam is, Clean Electricity where the pipes end at a sign with a lightning bolt on it. The text Pipeline is below a line of blue water that goes from the bottom of the mountain and under the bay. The words Bay Area appear above the blue representation of the bay. At the far right is the San Francisco skyline.</p>
<p><i>Whoosh sounds of rushing water</i></p>	<p>Rushing water covers the screen</p>
<p>Friend: It travels that far <i>and</i> it's good for the environment? That's so cool!</p> <p>Girl: Right? And we still use this same system today.</p>	<p>Back at bathroom scene. Girls continue to brush their teeth and talk.</p>
<p>Girl: We also collect rainfall in several lakes called RESERVOIRS all around the Bay Area.</p>	<p>Cut to overhead view of the Bay Area again. Text San Francisco comes on the right side of the screen. Words SF Regional Water System come on to the left, with the word Reservoirs below.</p> <p>Five reservoirs are highlighted on the screen around the Bay Area with their names adjacent to them (from left to right): San Andreas, Pilarcitos, Crystal Springs, San Antonio, and Calaveras.</p>

<p>Girl: And we recently started to drink groundwater again from deep, deep underground right here in San Francisco.</p>	<p>Zoom into San Francisco from overhead, and text Westside Basin comes on left of San Francisco, with a light blue highlight of this underground water from north to south on the western portion of city.</p> <p>Text Groundwater Wells appears along with six starred locations that indicate where these wells are in San Francisco.</p> <p>Zoom into one of these wells to reveal side view of location from sky to deep underground.</p> <p>To the left is the ocean with text that says Pacific Ocean. Then text comes on that says Groundwater Well above a small building. A vertical pipe goes below the building to a deep aquifer at the bottom of the screen. The pipe is labeled Well and the aquifer is labeled Deep Aquifer.</p> <p>Other items are pictured and labeled with text below ground (from right to left): Bedrock, gray portion on the bottom edge of the screen; Clay, next to darker patches of dirt; and Shallow Aquifer above the deeper, larger one.</p>
<p><i>Whoosh sounds of rushing water</i></p>	<p>Rushing water covers the screen</p>
<p>Friend: Why do we get our water from so many different places?</p>	<p>Side view of girls in bathroom, brushing their teeth at the sink.</p>
<p>Girl: Because California is always changing. We have earthquakes, fires, droughts, and climate change. We also have to make sure</p>	<p>See the state of California in green with text California across it. Picture boxes appear on left side from top to bottom: ground shaking with crack and text Earthquakes</p>

<p>there's enough water for fish and animals! Plus, our population is still growing.</p>	<p>above it; flame with green tree that turns yellow with text Fires above it; cracked, brown ground with hot sun and the text Droughts above it.</p> <p>State of California turns red to indicate climate change.</p> <p>On the right side from top to bottom, two picture boxes appear: one with a fish that says Fish above; and the other with a bear's face that says, Animals above it. Below that box, the text Population appears with a picture box below with lots of stick figures.</p>
<p><i>Whoosh sounds of rushing water</i></p>	<p>Rushing water covers the screen</p>
<p>Girl: So even though San Franciscans <i>are great</i> at saving water, we need to do more!</p> <p>Friend: What can I do?</p>	<p>Back to two girls at sink in bathroom brushing their teeth and talking. A ribbon/badge appears on the girl's left side that says: SF Water Hero.</p>
<p>Girl: Besides not wasting water, you could use your detective skills to find and fix leaky faucets around your house.</p>	<p>See close up of faucet, handles and sink, with drops coming out.</p> <p>Pull out to see girls, a hat and magnifying glass appear on Girl's head and in her hand. She puts magnifying glass over her eye.</p> <p>Back to faucet close up; Girl's hands come in and a cloud of magic appears to fixes the dripping. Faucet now sparkles.</p>
<p>Girl: In the meantime, the City is working to find even more sources of water.</p>	<p>Cut to hand writing list on graph paper. Header reads: New Sources of Water. Hand underlines header. Below that, hand writes: 1. Recycling</p>

<p>Friend: Like what?</p> <p>Girl: Well, did you know that you can recycle water?</p> <p>Friend: So how does it work?</p> <p>Girl: There are a few different ways.</p>	<p>Back to girls at sink in bathroom. Girl gets rid of hat and magnifying glass, but she is still wearing SF Water Hero ribbon.</p>
<p>Girl: San Francisco already reuses water for irrigation...</p>	<p>Picture box of park with sprinklers from beginning of video reappears. Text Irrigation comes on above the picture.</p>
<p>Girl: And some buildings around the city have mini-treatment plants where they take used water from sinks, showers, and sometimes toilets and clean it all. Then, they use the recycled water to flush toilets.</p>	<p>Cut to basketball arena exterior. Zoom into arena's bathroom with sink, two toilet stalls and two shower stalls. Sink and one of the showers has running water. That water flows down the drains and underneath the scene into a box labeled Water Out. A magic cloud appears and the text changes to Water In. Water leaves box and goes to fill toilet bowls.</p>
<p><i>Whoosh sounds of rushing water</i></p>	<p>Rushing water covers the screen</p>
<p>Friend: I never thought about different ways to get water.</p>	<p>Back to girls talking at sink in bathroom.</p>
<p>Friend: Like how our school collects rainwater and uses it to water the garden and flush toilets.</p> <p>Girl: Yep!</p>	<p>Cut to building labeled Starr King Elementary School with a rain cistern to the left of it. Water flows in a line to a small garden left of the cistern; and then to the right into the school building. The outer wall of the school disappears revealing a toilet.</p>

<p>Girl: And our city is exploring even <i>more</i> sources of water.</p>	<p>Go back to list of New Sources of Water and see hand writing, 2. Collecting Rainwater and 3. Solar Panel Condensation</p>
<p>Girl: Like using solar panels to make water out of thin air!</p>	<p>A solar panel is surrounded by flower bushes and the sun shines above. At the bottom of the solar panel, water drips into a tray.</p>
	<p>Back to the New Sources of Water list. Hand writes, 4. Desalination</p>
<p>Girl: And did you know that many places take the salt out of ocean water so they can drink it? It's called DESALINATION, and we might do that someday in the Bay Area, too!</p>	<p>Simplified desalination diagram titled Desalination (at the top) appears with a body of water on the left labeled Salt Water.</p> <p>A pipe runs from the body of water to a faucet on the right side of the screen. The pipe passes through three items between the salt water and faucet (from left to right): a screen with large openings labeled Intake; a screen with smaller openings labeled filtration; and a mechanism labeled Reverse Osmosis.</p> <p>The girls leave the bathroom.</p>
<p>Girl: No matter where our water comes from, it's always SAFE.</p> <p>Friend: That's true! My uncle is a scientist...</p>	<p>A backyard scene with a fence, tree, sliver moon, and a few puddles on the ground. A tent draws on with the girls inside it, on either side of a lantern. The girls are talking.</p> <p>The word Safe comes on.</p>
<p>Friend: ...and he tests water for the city. He told me that the water we drink gets tested <i>100,000</i> times per year!</p>	<p>Cut to three beakers in different sizes with water in each. Mixers come into each one and stir, bringing up a small amount of water into each. Green check marks appear over each beaker.</p>

	Text appears above the beakers: Tested 100,000 Times
<p>Girl: WOW! That's a lot!</p> <p>Friend: Yeah, and he says that all of the water we use is tested—</p>	Back to backyard and tent with girls inside talking.
<p>Friend: —whether it's for washing dishes, watering plants, or even flushing the toilet. They even test the water when we're done using it before it goes back out into the Bay and ocean.</p>	<p>Picture box comes on blank screen right with fork, glass and spoon and the word Dishes above it.</p> <p>On the left a picture box with poppies growing comes on with the word Plants above.</p> <p>In the middle, above both boxes is a new box with a toilet and a smiling poo inside it. The word Toilet is above the box.</p> <p>Below that box is a box with a swimming fish and the word Ocean above the box.</p>
<p>Girl: All this talk of water is making me THIRSTY!</p>	Back to backyard and tent with girls inside talking. Girl drinks from a glass.
<p>Girl: It's all about the right water for the right use.</p>	Cut to text: The Next Day surrounded by sun and a rainbow.
<p>Girl: And if we're careful with it...</p>	Girl and Friend are walking in a park with carousel in the background. In the foreground are sprinklers and sign that reads: Recycled Water For Irrigation.
<p>Girl: ... there will be enough to go around and around and AROUND!</p>	Girl and Friend on horses on the carousel

Music

Credits