

Let's learn about *Willow's Water Wisdom*

In this story Willow's curiosity and desire to make a difference starts after Mr. Green, the owner of the local grocery store, surprises her with astonishing information about how much water is used to make and deliver one tomato to his store.

Willow sets out to understand how it is possible that so much water is used to make one tomato and while researching she learns a new scientific idea she never learned in school: the idea of the water footprint.

What is a water footprint? Imagine footprints on the sand at the beach or on pavement made from little muddy feet after coming out of a messy puddle. Those footprints are visible, everyone can see those footprints.

However, some footprints are hidden and aren't visible to our eyes. A water footprint is the amount of water that is used to make a product, like a tomato, and get it into the hands of buyers like us. The hidden part is the fact that we can't look at a tomato and know how much water was used to make the tomato grow, or how much water and energy was used to move the tomato to the grocery store.

Hidden Water Footprint Steps >

water to grow > water to clean > water to use processing machinery > water for delivery and packaging

What did Willow do to reduce her water footprint? (matching)

at home

at school

in her community

when buying items at stores

delivered gently used bath towels

chose reusing instead of buying new

started a Water Wisdom Club

taught family how to reduce water footprints

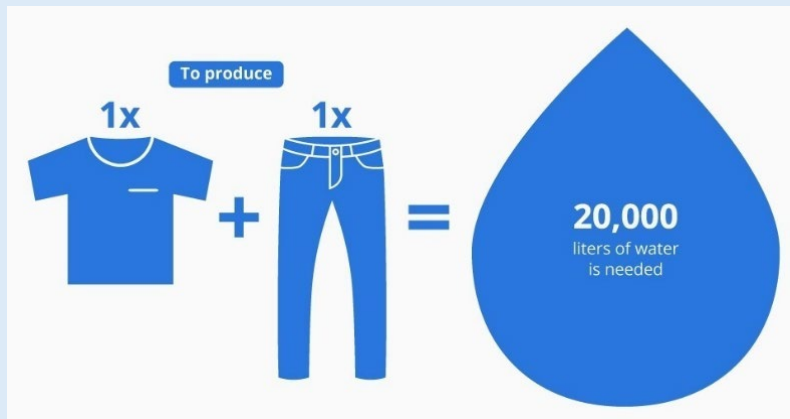
How much did Willow and her classmates save the community homeless shelter's water footprint by donating gently used bath towels instead of the shelter buying new towels? _____

How could you lower your water footprint when buying a tomato? (circle)

shop where tomatoes are grown

buy from a store that imported tomatoes

Instead of buying a new dress Willow thought about her water footprint and wore something she had in her closet, which saved _____ of water.



What are the water footprint steps that make up the water footprint of the outfit above?

Step 1 _____

Step 2 _____

Step 3 _____

Step 4 _____

What are Willow's Words of Wisdom?

Will you try to lower your water footprint? How? _____

