

Name: _____

Explained: 'The World's Water Crisis'

Complete the following worksheet while watching Episode 19 of the Netflix series, 'Explained'

What is Cape Town's 'Day Zero'?

How is the world's water supply broken down?

Salt water —

Frozen Freshwater —

Liquid Freshwater —

What is the issue with Mexico City relying on groundwater as their water supply?

What percent does personal human consumption account for?

What are the two largest consumers of the world's freshwater?

How many litres of water does a hamburger take to produce?

Why is it not smart to grow alfalfa in the desert?

Why is the Colorado River important?

How did Cape Town move their 'Day Zero'?

When was 'Day Zero' estimated and when was it delayed until?



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ANSWERS

What is Cape Town's 'Day Zero'? *When the town will run out of water and have its taps turned off*

How is the world's water supply broken down?

Salt water — 97%

Frozen Freshwater — 2%

Liquid Freshwater — 1%

What is the issue with Mexico City relying on groundwater as their water supply?

Once used up, it takes years to replenish. It also causes the soil to compact

What percent does personal human consumption account for? 8%

What are the two largest consumers of the world's freshwater?

Agriculture and Industry

How many litres of water does a hamburger take to produce? 1,650 litres

Why is it not smart to grow alfalfa in the desert?

It is a water-intensive crop and it is not economical to grow it there

Why is the Colorado River important?

Many towns in America rely on it as a water supply

How did Cape Town move their 'Day Zero'?

By conserving water and sticking to water restrictions

When was 'Day Zero' estimated and when was it delayed until?

March 18, pushed back to April, July, August, then to 2019, and now on hold indefinitely

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Explained: 'The World's Water Crisis'

Complete this task after watching Episode 19 of the Netflix series, 'Explained'

In the episode 'The World's Water Crisis' of Netflix's 'Explained', it is explained that the everyday people of Cape Town were able to postpone 'Day Zero' through personal water conservation efforts.

Very often when we hear about big geographical issues, like the world water crisis, we feel overwhelmed and helpless to make an impact. We think that only our governments can help us by putting policies in place, or big corporations have to change their ways to make a difference. However, the people in Cape Town prove that if every single person tries to be conscious in their use of natural resource, the drain on our environment can be reduced. It doesn't have to be a drastic action, but if lots of people make a small effort, even that can have a big impact.

We don't need to wait for 'Day Zero' to be a threat in our own towns to start making a change to how we use water. The time for action can be now.

Your task:

- Make a list and outline how you at home and your community can stop wasteful water use and start conserving what we have.
- Choose one way from your list water can be conserved and create a poster you would use to encourage your local community to reduce unnecessary water usage.

