

Project Green Challenge 2020 DAY 4 WATER Greener

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LINK TO POST:

<https://www.instagram.com/p/CF7vHFJphEl/>

SCREENSHOT OF SOCIAL MEDIA POST:

The screenshot shows an Instagram post on a grid background. The post title is "COTTON T-SHIRT". The main text discusses the water footprint of cotton t-shirts, stating that they require about 700 gallons to produce and that cotton is bad for the environment. It suggests alternatives like hemp and tencel, or buying less clothing. A callout bubble at the bottom left says, "Did you know that the amount of carbon dioxide emitted to produce one pair of jeans is equivalent to driving 78 miles?". A blue t-shirt is shown at the bottom right of the grid. The right side of the screenshot shows the Instagram interface: the user profile "ayushmanpgc", the caption "ayushmanpgc DAY 4 WATER Greener Educating about the water footprint of T-SHIRT", the location "Route to Drought", the hashtags "#PGC2020 @turninggreenorg", and the time "43s". At the bottom, there are icons for like, comment, share, and bookmark, along with the text "Be the first to like this" and "43 SECONDS AGO".

COTTON T-SHIRT

Pretty much everyone owns a t-shirt, maybe 2, 3, or 10? It seems like such an everyday item would take less water but that isn't true. Cotton t-shirts require about 700 gallons to produce. Cotton requires water when grown, especially in places with little rain. Also, cotton doesn't return nutrients to soil like many other plants do, so it is bad for our environment.

An alternative to this may be buying clothing from greener materials like hemp and tencel. But by far the most effective one would be just buying less clothes from stores, more from thrift stores, and donating old clothing. This decreases production of clothing that most of us just don't need!

Did you know that the amount of carbon dioxide emitted to produce one pair of jeans is equivalent to driving 78 miles?

ayushmanpgc

ayushmanpgc DAY 4 WATER Greener
Educating about the water footprint of T-SHIRT

Route to Drought

SAVE WATER SAVE LIFE

#PGC2020 @turninggreenorg

43s

Be the first to like this

43 SECONDS AGO

Add a comment... Post

Route to Drought

ITEM // ELEMENT	ESTIMATED EMBODIED WATER
 <p>Cars: <i>Reaction and Explanation:</i> I was really surprised when I found out making a car costed water. The two seem so different, yet they rely on each other greatly. After doing some research, I found out that major water uses in the automotive manufacturing industry includes surface treatment and coating, paint spray booths, washing, rinsing, hosing, cooling, air-conditioning systems, and boilers. And that isn't all of it, the component manufacturing segment has its own list of water-intensive processes and there is the matter of wastewater.</p>	<p>120,000 gallons (a average car) <i>ALTERNATIVE:</i> Instead of driving around everywhere, we can walk or use a bike! Cars not only use 120,000 gallons of water but release harmful pollutants into the air like carbon dioxide. While this may not be possible all the time, using public transportation, like buses, is still better than driving in a car. Choosing a bike over a car is a much environmentally friendly alternative.</p>
 <p>PAPER: <i>Reaction and Explanation:</i> Paper is a major component of our everyday lives. When I discovered how much water it takes to produce just a single sheet, I Ire very surprised. Typically, when I think of paper, I do not think of water that was put into making it, rather I think of the wood from trees. HoIver, although it does take wood to produce paper, water is also needed for the formation sheets.</p>	<p>It takes more than 3 gallons of water to make one sheet of Paper! That's 120 gallons for 40 sheets! <i>ALTERNATIVE:</i> Instead of using paper to access files or take notes for school, we can use a laptop or tablet. With technology constantly advancing in this age, I have many resources online that I should take advantage of. This way, I'll be able to save both trees and water.</p>
 <p>A cell phone <i>Reaction and Explanation:</i> In our modern-day society, cell phones are an immense part of everyday life. But many people don't know that it takes 240 collectives' gallons (from all the plastics, metals, materials, etc.) to manufacture one cell phone! This isn't even counting how much energy is used in charging? these phones and how their chargers can also be phantom energy wasters like I previously learned!</p>	<p>240 gallons <i>Alternatives:</i> to cell phones are not very adaptable to our high-tech lives. Hover, occasionally, people need a break from their phones. So, turn off your phone and conserve energy instead of using it and charging it! Otherwise, there are also Wi-Fi calling apps on your computer to replace cell phones like Google Voice, Skype, and MagicJack, or a landline!</p>