

CUBE₂0: The Water Box

By: Hayden and Anika

The Problem

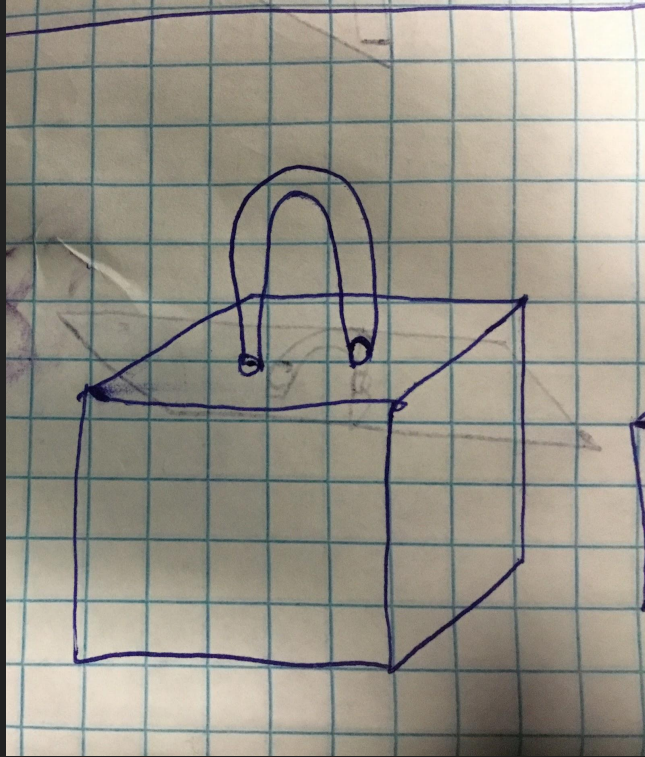
Plastic water bottles are bad for the environment due to the fact they take at least 450 years to decompose and if an animal gets to it, the result could be fatal. However, we still use plastic water bottles for their convenience and cheap cost.

The question: Is there a cheap, environmentally friendly alternative?

The answer: **YES**



The Solution..... **CUBE₂O!!!**

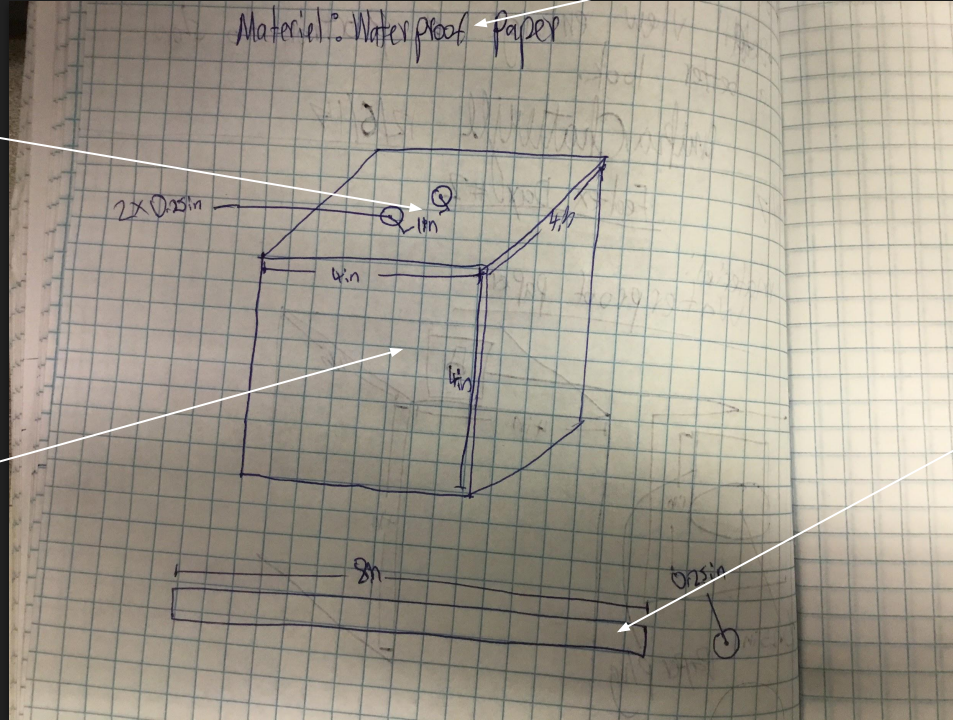


Introducing the
CUBE₂O. It's a water
bottle that's not only
reusable and easy to
use, but it also helps
eliminate waste from
plastic bottles!

How It Works

The holes are where the straws will be. When the water bottle is not in use, the straw will plug both holes. When one is drinking, only one hole will be plugged.

The flexible, but sturdy paper is in the shape of a cube to start, but when filled with water, becomes more rounded.



Everything is made of waterproof paper, so it is flexible, cheap, and good for the environment.

The straw will be used as both a cap and a straw for the CUBE₂O.

Sources

How Long Does It Take a Plastic Bottle to Biodegrade? (2017, August 26). Retrieved December 11, 2017, from <https://www.postconsumers.com/2011/10/31/how-long-does-it-take-a-plastic-bottle-to-biodegrade/>

Best Waterproof Paper for Menus & Signs: REVLAR Waterproof Paper. (n.d.). Retrieved December 11, 2017, from <https://www.relyco.com/products/durable-papers/revlar-waterproof-paper/>

Why You Should Give Up Bottled Water for Good. (2017, August 29). Retrieved December 11, 2017, from <https://www.smallfootprintfamily.com/why-plastic-bottles-are-bad-for-the-environment>

Americans Trying to Wean Themselves Off the Bottle (Water Bottle, that is). (2015, April 9). Retrieved December 11, 2017, from <https://www.banthebottle.net/articles/americans-trying-to-wean-themselves-off-the-bottle-water-bottle-that-is/>