

Report

Water is one of the most important and vital substances on the planet. This is a contraption we designed to purify water for people without access to clean water. In California, we have experienced earthquakes, fires, and many other natural disasters that could ruin our water supply and cripple our society. This glaring need gave us the idea to design a product to purify water for people without clean or portable water. Also, there are many people in different parts of the world that don't have access to clean water due to poverty, or poor living conditions. We used the VEX plush cube from last year's game, Starstruck, as a key factor of our design. The fine mesh from the cloth of the cube prevents anything inside the dirty water, such as bacteria or insects from getting through to the product. The cotton from inside the cube, acting as an extra filter, will allow the water to pass through, but not the dirt or sand. We used the cubes from the old VEX game, SkyRise, as the structure to hold the filter together itself. The tube used is a field piece from Nothing But Net. It is used to hold the cotton of the plush cube inside of the filter. The tube is the container in which the filtration takes place. We figured out that this would only clean the water in terms of getting the filth out. To enhance the cleanliness of the water, or to get the odor out and change the color, we could add activated charcoal. This will make sure the water is as clean as can be. All you have to do to make this product work is pour the water down and let it work its magic!

Bibliography:

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