

Wednesday Challenge Form

Group Members: Shaunt, me

Problem Statement: We are to filter water from the LA river using only things found or made on school grounds and the soda bottle provided. Score is found by number of components x number of contaminants x speed of filtration, with a lower score being better.

Approach:



Two coffee filters with edges taped to the inside of the bottle. Adding the charcoal would have done a better job of filtering



I won!

Solution: The bottle has two layers of coffee filters duct taped to the inside. Having only 2 components and a 7 second time made up for the fact that my filter didn't actually do a very good job of removing contaminants.

Lessons Learned: There is more than one way to attain the desired score. Side solutions can sometimes yield similar results.