



**CALIFORNIA SCIENCE & ENGINEERING FAIR
2018 PROJECT SUMMARY**

Name(s) Mokshिताa Dhamotharan; Kaitlyn Venator	Project Number 38454
Project Title An Alternative Water Filtration System	
Abstract Objectives/Goals The objective of this project is to provide clean drinking water to people in third world countries. Methods/Materials 2 liter plastic bottles, 1 liter plastic bottle, various filtering materials, microscope and slides, water testing kit, bowls, cups, skewers, measuring spoons. Results A filter containing activated carbon, sand, and gravel can successfully filter turbidity out of water. Conclusions/Discussion Out of 4 different water filters the filter containing activated carbon, sand, and gravel was successful in filtering dirt particles in the water.	
Summary Statement We created an alternative filter that effectively remove turbidity out of water.	
Help Received None, my partner and I designed and built the project by our selves	