



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

<b>Name(s)</b> Mokshिताa Dhamotharan; Kaitlyn Venator	<b>Project Number</b> <b>J1107</b>
<b>Project Title</b> An Alternative Water Filtration System	
<p style="text-align: center;"><b>Abstract</b></p> <p><b>Objectives/Goals</b> The objective of this project is to provide clean drinking water to people in third world countries.</p> <p><b>Methods/Materials</b> 2 liter plastic bottles, 1 liter plastic bottle, various filtering materials, microscope and slides, water testing kit, bowls, cups, skewers, measuring spoons.</p> <p><b>Results</b> A filter containing activated carbon, sand, and gravel can successfully filter turbidity out of water.</p> <p><b>Conclusions/Discussion</b> Out of 4 different water filters the filter containing activated carbon, sand, and gravel was successful in filtering dirt particles in the water.</p>	
<b>Summary Statement</b> We created an alternative filter that effectively remove turbidity out of water.	
<b>Help Received</b> None, my partner and I designed and built the project by our selves	