

# Tunnel Savers

We are the Tunnel Savers. Our project is based on flood mitigation systems such as sandhands, swater cannon, and our put-a-lid on it campaign. Sandhands are sand filled latex gloves that when interlocked create an impeccable defense against floods. Our swater cannon is our way of mixing and creating a perfect ratio to sand and water. Also, Put-A-Lid on it is our way of keeping trash in cans. On March 22nd, we will bring our sandhands and we will distribute a Put-A-Lid on it lids. Hurricane Sandy sparked something in all of us and it led to the creation of Tunnel Savers. We hope to see you there!

Visit us at : [tunnelsavers.com](http://tunnelsavers.com)  
Twitter @tunnelsavers

# Plastic Elastics

The Plastic Elastics focuses on an everyday item like the plastic bag. Our main idea was using a shopping bag to make another bag. How can it be done? Crocheting is the answer. We made several prototypes such as a bracelet (single and double stitch), a pencil case, an ipad case and a laptop/book bag. Through a bag collection initiative set up in our school, we collected thousands of plastic bags and launched the project for grades 6-8. We now have 10 students who learned how to crochet, and more interested in developing prototypes. Visit us our social media at:

- \*[plasticelastics.wix.com/projectcrochet](http://plasticelastics.wix.com/projectcrochet)
- \*Twitter @plasticelastics
- \* Instagram @plastic\_elastics
- \* Facebook [tinyurl.com/plasticelastics](http://tinyurl.com/plasticelastics)

# Project Reservoir



22.03.2014

**When: 3-22-2014**

**Time: 9:00-11:00 am**

**What: Showcase of nationally recognized STEM group Project Reservoir and Live demonstration of**

**Project Reservoir Teams**

[Projectreservoir.weebly.com](http://Projectreservoir.weebly.com)

[YouTube ProjectReservoir](https://www.youtube.com/ProjectReservoir)

[Twitter @projectreservoir](https://twitter.com/projectreservoir)

# Solar Aerators

We are the Solar Aerators from P.S.28. Our project is based on aerating the water worldwide in small ponds and reservoirs. During our trip to the Reservoir #3, we tested for dissolved oxygen in the Reservoir waters. We found it had low levels of oxygen. We investigated and found out from a couple of fishermen, that the fish they caught seemed to be lethargic. In order to solve this problem we came up with MSAT, Mobile Solar Aeration Technology. MSAT works by having a solar powered diffuser that pumps oxygen into the water. We started to create our technology with old PVC pipes, a solar powered pump, and PVC fittings. In the Aquaculture Lab, we tested out our prototype, and modified it to try to make it more efficient. To learn more about our project, visit us!

[ps28solaraerators.weebly.com](http://ps28solaraerators.weebly.com) Twitter@eratorsolar

# Earth Filters

The Earth Filter teams purpose is to create inexpensive filters we plan on sending out to nations who lack and or have no access to clean drinking water. We are also promoting people to be vocal and to drink local water by asking for tap water in public buildings and at restaurants rather than drinking bottled water and soda. We will demonstrate four successful prototypes on March 22nd at Reservoir#3.

Visit us at [earthfilters.weebly.com](http://earthfilters.weebly.com)

Twitter @earthfilters