

Team MAE-Real World Innovation For Real World Environmental Problems!

Next Steps

Well what's next for our project is that maybe we will do this again and explore new places and clean out the rivers and ponds to try to make the world amazing again. But still could we do more and clean more places. Or help more animals by cleaning polluted places. We still will have questions but what matters is saving our world.

Abstract

As you know, water pollution is a serious problem, so we wanted to help limit it in our community. That is why we decided to do the Community Outreach. We felt like we had already practiced a lot with the floating debris in the pool, so we felt ready to clean out a pond. In this project we looked around the pond for garbage, we found a lot of plastic.

Results and discussion

We learned a lot during our excursion to the lake. One of the things that we learned, is compared to other places in Michigan, our lakes are less polluted. We also learned a lot about giving back to our community. We all felt very overjoyed when we finished cleaning up. We also learned the importance of community. We are there for the community and one day the community will be there for us.

Acknowledgements

We also had a lot of people help us with this project, without them this project wouldn't have been possible. The person who helped us out the most was Mr. Scott. He helped us organize a way to take our ROV and he got us templates for this slide. Mr. Sears was also a big help he drove us around to different places to use our ROV. We referenced google maps to find lots of places that we could go to.

Conclusion

As you already know we cleaned out the pond at the bay front. We got a lot of plastic, and rubber things, like a plastic water bottle, pop can, rubber frisbee, and a plastic bag. This really impacted us on how much people litter and also that we can clean it up with our ROV. And cleaning out ponds and polluted areas will help our world. And with people watching us maybe, just maybe it will make them want to do the same. So yes we did do the Community outreach and reached our goal on getting plastic out and helping our community.

Methodology

We decided that we needed to just jump right in with this project, we went to the pond as soon as possible so that we could get everything done. We wanted to do this because with the design notebook, we felt like we were on a time crunch and we didn't want that to happen again. Once we got to the pond we started taking it slow and making sure our ROV wouldn't get stuck anywhere. Our hook was crucial to this project because that was how we got all of the trash.

Background and Motivation

We picked this project because we wanted to help our community to keep our ponds and lakes clean. It is important to clean our home because we can limit pollution and keep our home safe and healthy. We can also prevent pollution from getting into Lake Michigan. We had lot of fun doing this, it also made us feel good and proud of ourselves because we helped the community. We are all pretty good at driving but this was quite a difficult task.

Get to Know Us!

We are team MAE (Maddy, Avery, Ella) from Saint Francis Xavier Robotics Program in Petoskey, MI USA.

