



SEAL Class 2020-2021 Student Portfolios:



Chelsea Delalla
Ocean Township

Project:

Educating Wayside Elementary School students about the importance of planting trees and gardening.

Middle school presentation:

Ocean Township Intermediate School

Student testimonial:

*“The **best part** of my presentation I think would definitely be doing the elementary school presentation. Just seeing the sheer excitement on the kids’ faces was just really fun. I didn’t really expect them to be that excited and like, hyper, for my talk about trees! They were all really eager to participate and the entire time they all had their hands raised and they were asking me all these questions, so that was just really exciting to see! **My wish** the future is to be able to continue doing these kinds of presentations, because I really liked it, and scheduled a second presentation for another class because the teacher really enjoyed it and he wanted me to do another one. I also hope that the elementary school kids got something out of the presentation and share with their friends the information that they learned.”*

Teacher testimonial:

“Chelsea was very knowledgeable about the topic. The students were very interested in learning all about what was presented and had many good questions and you were able to answer all of the on the fly. I was very impressed.”

– Mr. Patrick McGorty / 4th grade teacher from Wayside Elementary school



Radish Care Sheet

1. Place plant in a well-lit area
2. Water soil 4-5 times a week or if the soil feels dry
 - a. 1 tablespoon of water
 - b. Always keep the soil moist
3. Start seeing growth in 2-3 days
4. Pick radish in 2 weeks
5. Wash radish and enjoy!
6. Send me a picture of your radish plant for a special prize

Three illustrations of radish plants in different colored pots: a pink pot, a brown pot, and a pink pot.

Isabella Taborda
Eatontown

Project:

Engaging students in recycling by creating and supplying elementary school teachers with a pre-recorded informative Earth Day video featuring a craft made from recyclable materials.

Middle school presentation:

Memorial Middle School

Testimonial:

*“My **best moment** was probably doing the actual project and making the actual craft.*

***My hopes** for the future would probably be to see how my middle school presentation goes to see how the wave responds to it.”*



Jackie Rogers Little Silver



Project:

Helping a local business make an eco-friendly switch by educating and informing about the best alternatives

Middle school presentation:

Markham Middle School (94 students!)

Student Testimonial:

*"My **best moment** was coming out of the meeting I had with Mindy from the Chocolate Bar. I was kind of anxious about it and didn't know how she was going to respond or if there would really be any positive perception (because I know it's a lot to ask of a small business to try and reduce their plastic) but, it was really positive and she seems excited and definitely wants to move forward with my project and reduce their plastic. It was really exciting officially getting something done and seeing that I could actually make some kind of difference. I actually really enjoyed reaching out to the restaurants, even though a lot of them didn't respond, and I feel like I could continue doing this kind of outreach over the next year or in the summer and see if I could reach out to any more people and if they want to get involved. I think that could be really cool."*

Teacher testimonial:

"Jackie did a fantastic job preparing, presenting, and answering follow-up questions. Her positive disposition and passion for her project came through in her presentation. The students found the presentation very informative and had really great follow-up questions."

– Anna Files / 5th grade teacher at Markham Middle School



Maya Burns Keyport



Project:

Reducing polluted stormwater runoff by donating a flowering dogwood tree to the Keyport First Aid Squad

Middle school presentation:

Keyport Central Middle School (34 students!)

Student Testimonial:

"The SEAL Program helped inspire me through issues and roadblocks that came up along the way. and through future I hope to plant more trees and make positive environmental change in my community."

Keyport First Aid Squad Testimonial:

"We just want to say thank you for this tree on behalf of the Keyport First Aid, Keyport Fire Department, Keyport Police, and all of the First Responders. We greatly appreciate it and we look forward to seeing this tree throughout many, many, years from now. We'll never forget how this wonderful donation on your behalf. Thank you very very much." - Darnell McDonald, Vice President of Keyport Fire Squad



Olivia Bonforte
Ocean Township



Project:

Helping to alleviate the amount of polluted stormwater runoff by creating a rain barrel and donating it to a local community building

Middle school presentation:

Ocean Township Middle School

Student Testimonial:

“My best moment in my projects was actually constructing my rain barrel. I went to my engineering teacher and originally he was just going to help me drill a few holes that I needed to actually construct it, because I didn't have the drill bits, but then he kind of took-in the project. We created it together during my lunch period and it was actually really fun. My hopes for the future is to create more rain barrels, because I figured out everything and I know how to do it now; it's not going to be so tricky in the future. Maybe for my house or a neighbor or extended family because I had a lot of fun constructing it.”



Olivia Fair
Highlands

Project:

Beautifying the local First Aid Building while positively contributing to local pollinator species by planting and revamping the area with herbs and pollinator flowers

Middle school presentation:

Highlands Middle School

Student testimonial:

*"My **best moment** was coming up with what I wanted to do and planning it and doing the research for it. **My hope for the future** to continue to be as passionate as I am now about the environment and wanting to be an advocate and continue to do Beach Sweeps, or whatever it is - I just hope that that continues throughout the rest of my life."*



Orianna Nolan
Highlands



Project:

Lessening the amount of litter in Highlands with the creation of the environmental group "Highlands Helpers 07732."

Middle school presentation:

Highlands Elementary School

Student testimonial:

*"**My best moment** was probably choosing what I actually wanted to do for my project. Deciding that I wanted to do an environmental group for my town was really exciting for me - Coming up with the name and the logo and my mission and just being ready to share that with people... That was my favorite part. **My hope** for the future would be that eventually, within the next few months, that the environmental group will help to clean up the town, keep the town healthy, and reduce the litter problem that we have. Highlands Helpers 07732!"*



Sarah Taylor
Ocean Township



Project:

Help lessen the amount of polluted stormwater runoff by hosting a virtual session called “Hydroponics Heals” to teach local middle schoolers how to create their own hydroponics system.

Middle school presentation:

Ocean Township Intermediate School

Student testimonial:

*“My **best** moment was probably talking to Laura Mcbride from Deal Lake Watershed Alliance. I would also say that my best moment was getting to hear about everyone else's ideas, because I think another part of doing this entire process was seeing where other people were getting their ideas from and learning about other people my age who were interested in the same thing that I was. I think it was just nice to have a community like this where you can meet other people who are interested in the same thing and branch off of their ideas and learn about what other people are interested in, as well. I think that was really special to be able to do that here. As far as **hopes for the future** I would like to do more things like this in the future and look for more programs where I can kind of do around the same things and branch out into different interests. I think it was a really great opportunity.”*



Thomas Baron
Middletown



Project:

Reduce the amount of litter on local beaches by designing and posting “No Littering” signs.

Middle School Presentation:

Bayshore Middle School –about 90 students

Student testimonial:

*“My **best moment** probably was having success in my journey. When i started it kind of seemed like a lofty goal and it seemed like it would be really hard, but then I found out that it was as easy as just reaching out and getting into contact with people. **My hopes** for the future is to go see my poster in person. I think that'd be really cool and I hope the middle school presentation goes well.”*

Teacher testimonial:

“I think the project was very educational and helpful for our environment. It is great for younger students to see how they can also have a real impact. Inspiring and great work!”

- Lauren Umbehauer / 6th grade teacher at Bayshore Middle School



Litter is Harming Marine Life

Some of the Many Ways Litter Harms Marine Life

<p>Suffocation: Sea birds and marine animals can become entangled with plastic around their gills or necks. This leads to suffocation.</p>	<p>Poisoning: Litter ingested by marine wildlife causes toxins to enter their systems. This can lead to disease and death.</p>
<p>Starvation: Litter fills up the stomachs of marine wildlife causing unhealthy bulk that inhibits hunger. This reduces their ability to feed and can lead to starvation.</p>	<p>Drowning: Entangled plastic on seabirds and marine animals can interfere with their ability to swim or fly. This threatens their survival.</p>

Ways to Reduce Litter

1. Practice "reduce, reuse, and recycle"
2. Properly dispose of trash
3. Volunteer for a beach clean-up



**William Franznick
Middletown**

Project:

Educating younger generations on local environmental issues and topics by creating curriculum-based environmental lesson plans and resources to provide teachers.

Middle School Presentation:

Thompson Middle School

Student testimonial:

*“My **roses** or best moments so far have been in my outreach - getting to talk to the teachers and getting to talk to people on different boards and people from different school clubs and seeing what they're interested in. My hopes for the future are to see how well the presentation goes at the middle school and to see if just one or two kids actually pay attention and if the lesson plans I'm putting together will actually impact some students. When I send out my lesson plans I'm going to leave my contact information with the folder so that if teachers have questions or students want to reach out to me through their teachers they'll be able to do that.”*



Fast Fashion

CLASS	TEACHER	GRADE	DATE
Fashion	Teacher Name	00	Date

OVERVIEW
Expose and educate students to "fast fashion". View video and discuss how companies and individuals are responsible for the fashion climate we live in today. Discuss how "fast fashion" effects the environment and those where the products are produced.

PHASES	TEACHER GUIDE	STUDENT GUIDE
OBJECTIVES	<ol style="list-style-type: none"> 1. Educate students on the term of fast fashion. 2. Explain how fast fashion is practiced (video) 3. See students gain an understanding of the impacts that their clothing choices make. 4. Discuss with students what changes they can make to shop more responsibly (environmentally) 	<ol style="list-style-type: none"> 1. Understand the term "fast Fashion". 2. Watch the video. 3. Participate in group discussion on fast fashion. 4. Identify one way they can be smarter shoppers
INFORMATION	See videos provided down below.	Watch videos and absorb information
VERIFICATION	Discussion of Topic Ask each student to contribute something they learned from the videos	Provide an example of something they learned
ACTIVITY	Ask students if anything they have on them or in their wardrobe, would be considered "fast fashion"	Identify items of apparel that they own which would be considered "fast fashion"
SUMMARY	Discussion listed above	Discussion listed above