

Alexandria L. Huwiler

Mrs. Lhotka

Science: UNF Field Trip

20 November 2017

### Reflection

This field trip was a wonderful experience. It got me thinking on the future and what I will do with my life after high school. The careers that were mentioned in the trip were in the field of engineering. There is mechanical engineering which creating things such as plastic cars. There is also electrical engineering which is when your computers, laptops, phones, and etc. are made. Finally, there is civil engineering. Civil engineering is creating things that will help our everyday things such as buildings. My inspirational moment in this trip was the mechanical portion. It got me thinking how such small things we do, can have such a big impact on someone else's life. When we walked in the room, I saw toy cars that you would get at "Toys R Us", but they had made these themselves. These students have made a fun car for a child of physical disabilities. They can help children who can't walk and explore the world and I thought this was such a great cause. The campus of UNF was wonderful. This is the only college campus I have been on, but I have been a few times. The campus was very open and large. UNF compared to Annunciation is very different, but that isn't a bad thing. On the trip we didn't go all over the campus, but the engineering building was very nice. I think this is a great field trip idea and I hope the next eighth grade class can go too.

Izzy Humphrey

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For our field trip on November 17<sup>th</sup>, we went to the engineering section of UNF. Personally, I thought it was very interesting, and I was listening the entire time. The campus was very beautiful, even though it was undergoing some construction while we were there, I felt the classrooms had lots of room for designing and building projects. It was also great for the students attending the school because they knew all of the staff and students because of the small campus. However, there was construction going on for the engineering students, so it should be better for them because they have more space to let their creativity flow. There were multiple branches of the engineering job that we got to experience while we were there. One of the more vivid branches for me was the civil engineering. I thought it was really cool how that was the first All Girl's Civil Engineering team at that school. It was also amazing how they helped people less fortunate than us with their career choices. All in all, I thought the field trip really opened doors to those who wanted to achieve a career in any of the STE(A)M branches. I personally don't really know what career I want to achieve (even though being an astronaut would be amazing!), but I know for a fact that I want it to be connected to STE(A)M in some way. I had an inspirational moment when we first walked into the Civil Engineering room, and I saw that there were two females presenting the project. This was marvelous because it made me feel as though engineering isn't just for men, but for women as well.

Carrington M. Holloway

Mrs. Angela Lhotka

Science: UNF Report

20 November 2017

### University of North Florida Report

The main STEM career we were exposed to was engineering, but it can be broken down into civil engineering, mechanical engineering, and electrical engineering. The one that appeals to me most is civil, and part of that reasoning comes from the fact that civil engineers make the biggest impact in people's lives. In our tour, we learned much about robotics and mechanics, and a bit about building. An inspiring moment for me was when two senior students spoke to my class about an immense project they were assigned. They were using gravitational forces to bring water downhill so all the houses in a village could receive running water. They operated everything beautifully, and easily fixed problems that came into their path. The University of North Florida's campus was extremely beautiful and peaceful. Almost every building was surrounded by lush plants and paved walkways, with statues of significant ancestors scattered throughout, reminding students to follow their hearts and stay true to themselves.