



# Makerspace Minicourse

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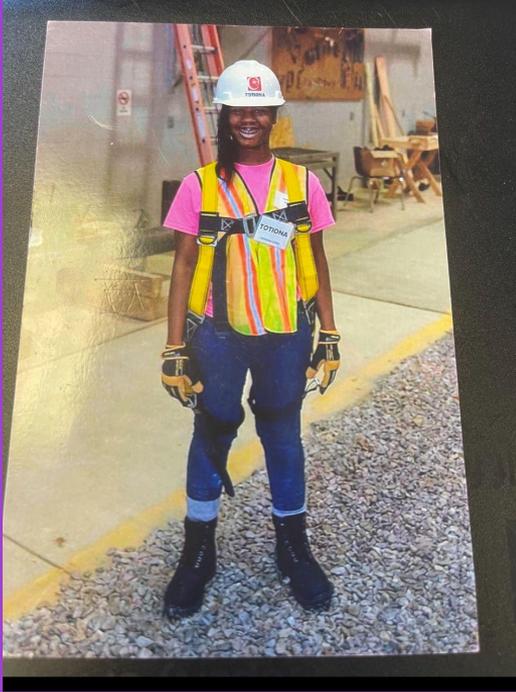
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# *What is Makerspace? Why is it important?*

Makerspace is more of a hands-on experience which allows children to solve problems adquently, use critical thinking to expand their knowledge and/or thoughts that they might have. My personal objective was to expand their choices when it comes to making a decision for choosing what path of career they would like. Not only that, to spark the interest at such young ages. Becoming a nurse, lawyer, fire fighter, police officer are all fine, but we have enough in my opinion. I wanted my students to know that they're are more opportunities upon them if they allow their mind to be open minded.

# *Why I chose this has my CAPSTONE*

Wanting to teach children about engineering has become something that I enjoyed. Throughout the quarters with the middle schoolers I have learned and taught them much information regarding in my work .



# *Why does it matter to the Community?*

We are all in for our kids to want to be something great, unique, and happy. With teaching them a different career path that they would want to do matters. Not just for our community for our **FUTURE LEADERS**

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**Process?**

# Entry Level

My first day on trying to figure out what I wanted to do I was in a deep hole. I knew I wanted to teach Engineering, but didn't know how. With being in an engineering program at Science Leadership Academy Beeber, CTE to be exact, I was able to understand what I needed to do. I was allowed to teach middle schoolers that went to our school previous years before to have a better way on learning differently than the old fashion style.

I was nervous at first because this would be the first time ever teaching a course about something that I am passionate about. Wow! I know, right. Throughout the weeks of teaching I have learned and gain so much knowledge from my students and others around me as well.

# *Steps partaking during completion*

Making lesson plans, figuring out what the children enjoy doing and vice versa and not giving up.

Step 1: Choosing something that would grasp the students idea

Step 2: Thinking of ways to teach them everything that I know

# *Steps partaking during completion*

Step 3: Asking for help

Step 4: Learning from my mistakes

Step 5: Presenting my work afterwards

All the steps I followed throughout my capstone project all goes back to our school Core Values

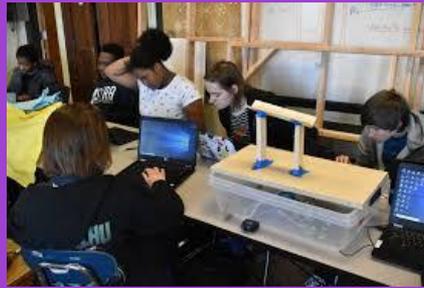
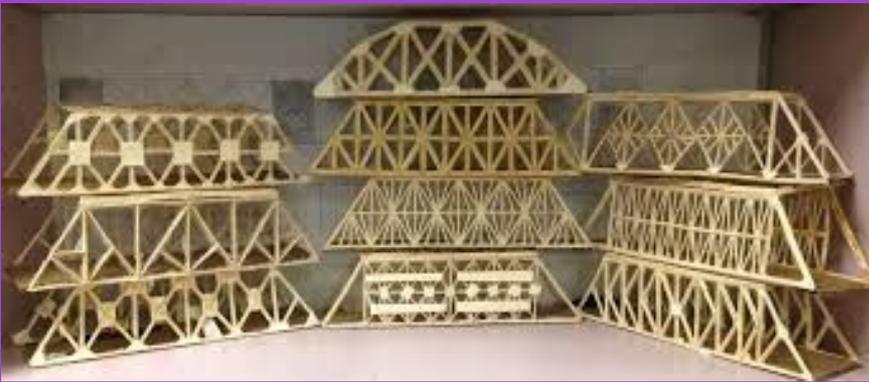
**Inquiry, Research, Collaboration, Presentation, and Reflection**

# *Throughout the Quarters*

In each and every Quarter I didn't want to throw everything all at once because they would be bored and it wouldn't be a good look on me. So every Wednesday I would do ice-breakers to get through them because it was the last period and no one had energy. I believe that ice-breakers work because not only were they engaging in the work, but they wanted to know about why I love Engineering more than anything and wanting to visit the high school for a better experience. This process has inspired me to continue on teaching students about my passion and hopefully be able to pass that on.

# *How has it changed over time?*

- ★ The process of teaching changed over time. I was able to understand that my teaching wasn't how everyone learned. So, when taking inconsideration I followed and listen to the children to help me become a better instructor and help grow their mindset into something.
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# Ending of my Capstone Project

# *Conclusion*

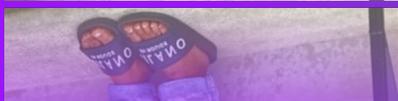
Throughout the learning and teaching process I was able to gain a lot from it. Everyone doesn't want what you have, but how you do it. And that took a lot for me because of my habits of teaching or trying to help others out.

**BLOG**

**WEBSITE!**

<https://tlong22.wixsite.com/website>

# What will I do next?



In the next couple of years I would love to continue to work on my instructor skills and hopefully do a hell of a good job.

Electrical Engineering is a career that I am leaning towards.

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**Thanks you :)**

**Questions or Comments**

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