



Makerspace Minicourse

BY: TOTIONA LONG

INSTAGRAM: @2x.tnm

EMAIL: totional04@gmail.com

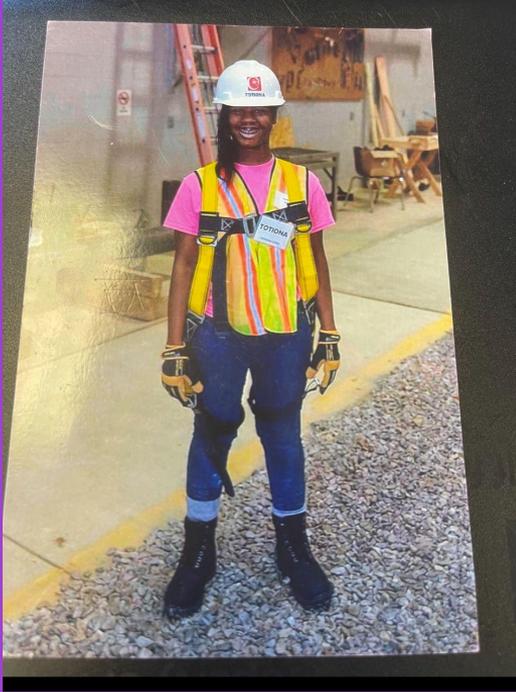
PHONE #: 267-636-1312

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**

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

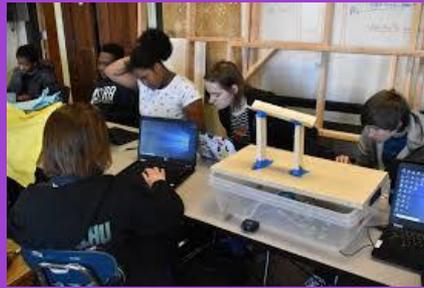
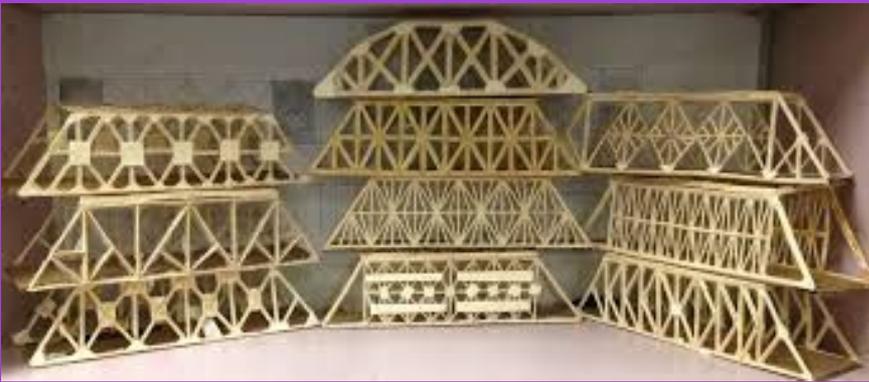
Inquiry, Research, Collaboration, Presentation, and Reflection

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

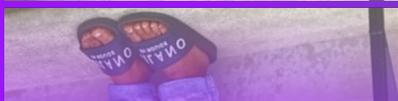
Throughout the learning and teaching process I was able to gain a lot from it. Everyone doesn't want what you have, but how you do it. And that took a lot for me because of my habits of teaching or trying to help others out.

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.

Thanks you :)

Questions or Comments
