

ODU Engineering Day School Site Visit

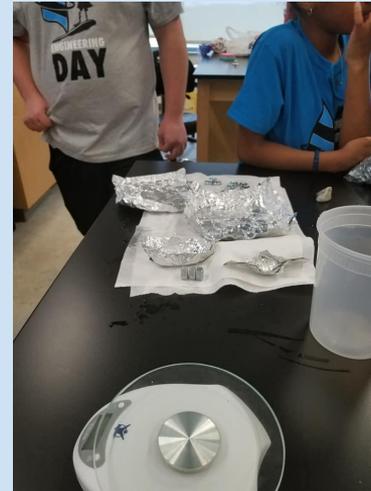


OLD DOMINION
UNIVERSITY

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William Pratt, and Rami Switzer

Why are we here?

- 1) Your class will travel to ODU for a field trip on the morning of April 23rd.
- 2) Time allowing, your class will visit a couple of Engineering Labs at ODU.
- 3) Your class will eat lunch in the dining hall at ODU.
- 4) Your class will participate in an Engineering Challenge led by us!



Icebreaker

Who are we?

Let us introduce ourselves...

Who are you?

Tell us your...

1. Name
2. What you want to be when you grow up
3. Favorite animal



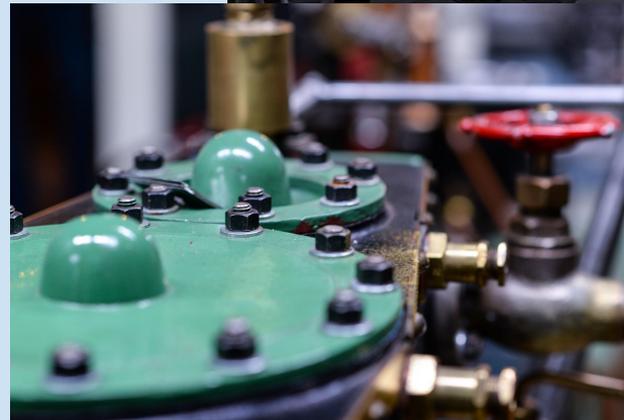


What kinds of projects are ODU Engineering Students involved in?

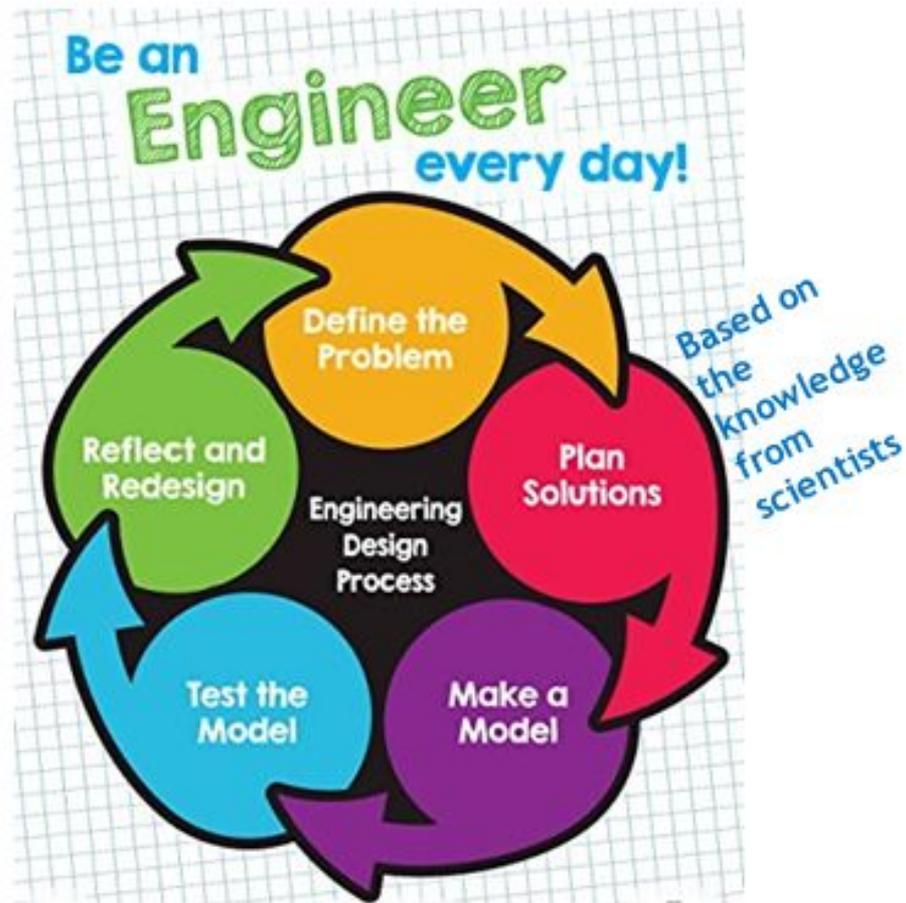


Engineers are Designers/Inventors!

- Scientists study how mother nature behaves.
- They find mathematical models
- Engineers “fool” mother nature through devices to improve our lives.



ENGINEERING DESIGN PROCESS



Military Jets



Sailing/ Submarines



Flooding/Sea Level Rise



Slime



Cooking



Elevators



Forklifts



Pools/Water Parks



Lubricants/Oil for Machines



Wind Turbines



Hoover Dam (dams)



Hot Air Balloons



Now...we want to know more about your interests so we can design an awesome Engineering Lesson for your visit to ODU on April 23rd!

On your handout:

Please put an “X” by the **TOP 3** topics below that are most interesting to you!
We are excited to hear your thoughts!
Thank you for your participation today!
We look forward to seeing you all on April 23rd!

