

School Year 2021-2022:  
Back to School Night @ LJMS  
Engineering 1, 2, 3 & 4



# Welcome and Introductions



**Mrs. Breza**, she, her, hers  
One child at UVA: Mech-E  
One UVA Grad Civil Eng  
Husband and I love to play  
boardgames!! TSA advisor.



**Mr. Smith**, (he, him, his)  
I'm a dad, husband,  
sailor and fly fishing  
enthusiast.. My son  
went through FCPS  
and is a high-end  
baker..

# Jackson Engineering Design Lab

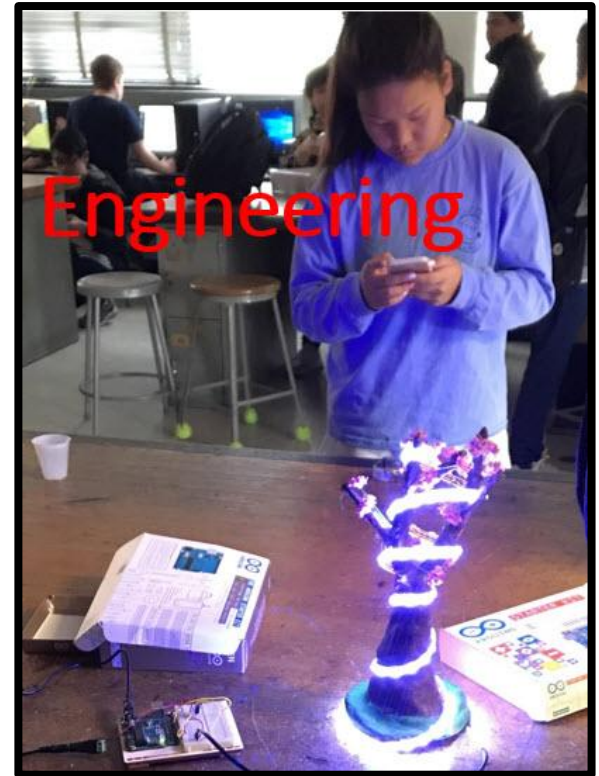
## Curriculum

### Four Semester Courses:

- Engineering-1 (Foundations of Engineering and Design Process)
- Engineering-2 (Make Anything)
- Engineering-3 (Make Anything Intermediate)
- Engineering-4 (Make Anything Advanced)

***Sign Up for Engineering at LJMS!***

**3-D Printing   Media Production   Structures  
Electronic-Skateboards   Transportation  
Robotics   Racing-Drones  
Arduino   ART-Tech   Lasers**



# Class and Assignment Information

- ❑ What might a “typical” class look like?
  - ❑ Students will work individually and in small groups using the Project Based Learning model.
  - ❑ Students will report what they are doing and write other stories related to engineering on a variety of electronic platforms including but not limited to Peardeck, BBCU, Google Suite, the and many others.



# Technology Student Association Afterschool

- ❑ Technology Student Association is an after school club that promotes Engineering, leadership, and competition. It isn't required, but can be a helpful asynchronous tool.
- ❑ Please be sure to submit your Child's consent form  
This link will take you to the consent form:  
<https://isweb.fcps.edu/iscontacts/techpermform.cfm?secur>

