

School Year 2022-2023:
Back to School Night @ LJMS
Engineering 1, 2, 3 & 4



Welcome and Introductions



Mrs. Breza, she, her, hers
I have been at LJMS since
2016. And have two adult
kids who are engineers.
My husband and I love to
play boardgames!!



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

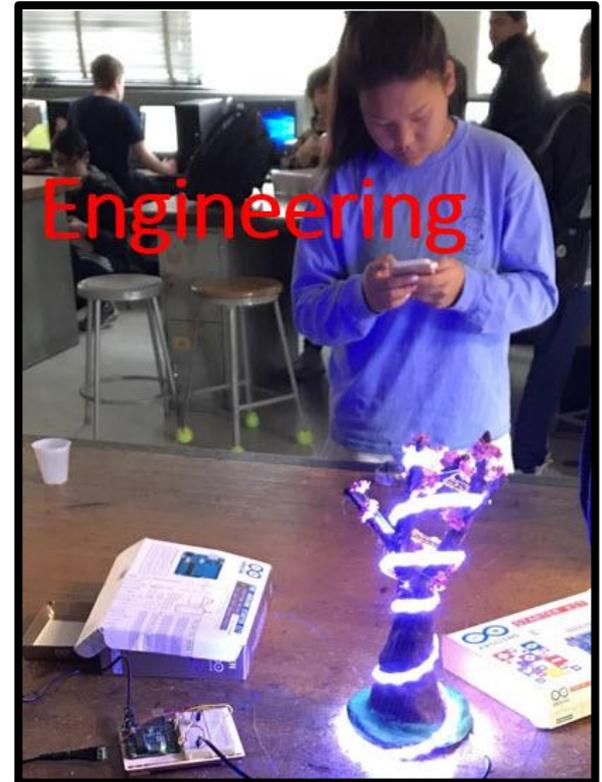
Curriculum

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. If you are interested in learning more about it, sign up here:

- ❑ Please be sure to submit your Child's consent form
This link will take you to the consent form:



The screenshot shows the homepage of the Jackson MS Technology Student Association. At the top, the title "JACKSON MS TECHNOLOGY STUDENT ASSOCIATION" is displayed in large, bold, black letters, with a red underline. To the right is the TSA logo, which features the letters "TSA" in a blue and red box with "TECHNOLOGY STUDENT ASSOCIATION" written below it. Below the title, a mission statement reads: "The Technology Student Association's mission is to promote leadership and personal growth in a technological society." Underneath the mission statement, the chapter information is listed: "Chapter ID: 4864 School #: 078 Team ID: 1078". The page is divided into three main sections: "LINKS" on the left, "NEWS" in the center, and "Monthly Challenges" on the right. The "LINKS" section includes "What's TSA?" and "Learn: Resonance PDF". The "NEWS" section has a "Voting" link and a message: "Officer Voting is now available. Please vote using your own login. Anyone who has attended the interest meeting and filled out the". The "Monthly Challenges" section includes "Important Dates:" and a bullet point for "September 10: Future member meetings! Find out what announcements are all".