

# Haddonfield Naval Engineers (MS-135)

*Describe how your team is giving back to the community and why do you think it is important?*

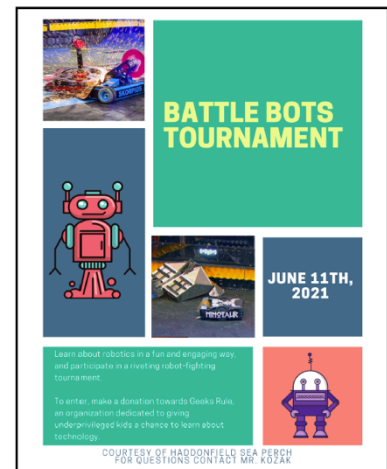
Haddonfield Naval Engineers will hold a miniature Battle Bots Tournament, available to any student that wishes to enter. This tournament will involve an informational yet fun engineering session, in which students will be able to learn about robotics and build their own robots. Following that, there will be a SeaPerch presentation, and finally a tournament, where students will be able to test their creations! There will be a \$5 minimum donation upon entry, and all proceeds will be donated to Geeks Rule. On June 11, 2021, this is a tournament nobody will want to miss!

## Geeks Rule

Geeks Rule is an organization that gives underprivileged children a chance to learn about technology. Their goal is to eliminate the racial, gender, and socioeconomic gap that exists in STEM today. They do this through programming at underserved secondary schools.

## Building the Bots

Our team has several Battle Bots kits with detailed instructions and an easy-to-build frame. We will provide these kits to the participants, and members of Haddonfield Naval Engineers will assist students with their creations, as well as share their knowledge of robotics with the group. This is an opportunity for kids to learn about robotics in a fun and engaging way!



## SeaPerch Promotion Presentation

Following this building of Battle Bots, current Haddonfield Naval Engineers will give a presentation about SeaPerch. This will encourage students to further their plunge into the world of robotics, and help to promote SeaPerch. Battle Bots Tournament Participants will be able to test their creations in a thrilling show of technological triumph! They will fight their bots against each other and will be able to see their work pay off; seeing their creations working, moving and fighting! The winner will receive a trophy, and memories of a fun filled afternoon.

## Why it Matters

According to Stephanie Kim, "...found a 12 percent drop in interest in STEM careers from teenage boys, and a low level of interest among teenage girls" (Kim, 2018) Yet, it's a field that is paving the way for our future. Getting kids interested in robotics will help to formulate the next generation of engineers, mechanics, and scientists. The experience can help to foster a love for STEM that will last for the rest of their lives. Since the many STEM fields are not diverse, opportunities are not always equal. Everybody deserves a chance to do what they love, Geeks Rule helps to level the playing field. They help anybody working to become an engineer, scientist, or mathematician, regardless of race, ethnicity, gender, or socioeconomic status. Conclusion This is an event that kids will remember for a lifetime, and it'll help to put countless students on the path to reaching their dreams. It will benefit both participants and students being aided by Geeks Rule, allowing them a window into the wonderful world of robotics!

## Reference

Kim, S. Government Technology, New Research Shows Declining Interest in STEM, June, 11, 2018, <https://www.govtech.com/education/k-12/new-research-shows-declining-interest-in-stem.html>