

TEAM NEUTRINO

February 2021 Newsletter



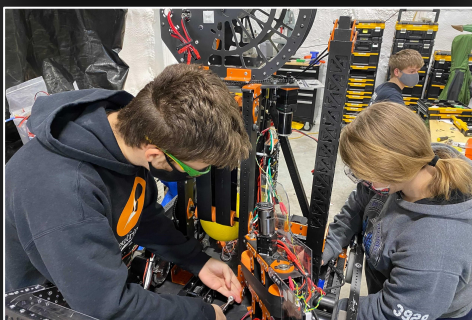
Kate Mitchell STEM Kits

Over the last few months, 3928 has been working with a 5th grade teacher at Kate Mitchell Elementary School to provide their students with 50 STEM kits that Team Neutrino assembled, with each kit containing four STEM activities. The kids made their own lava lamps, learned about fractals, and sent thank you notes back to the team!



Innovation Challenge

Over the past 8 weeks, Neutrinos have been working to solve the inequity of Muslim women being denied competitive swimming opportunities. To solve this inequity, Team 3928 connected with 12 experts from around the globe and came up with a unique, modest swimsuit design for competitive use. They submitted their materials and hope to advance!



Infinite Recharge at Home

The sub-team has finished and submitted at home robot judged awards for this season. They are switching gears to focus on the skills challenge portion of the competition. Design is making iterations on current mechanisms to improve accuracy and speed of shooting and mobility, while Controls is working on autonomous routines and refining code for optimal robot performance.



Game Design Challenge

Team Neutrino has designed a new FRC game: CyberSpace. In CyberSpace, two alliances are hired by FIRST HQ to test their modernized cybersecurity measures. Cybernauts race to deliver encryption keys and lines of code around the cyberscape to breach layers of encryption, sabotage opponents' files, and remove FIRST's firewall before the opposing alliance.

