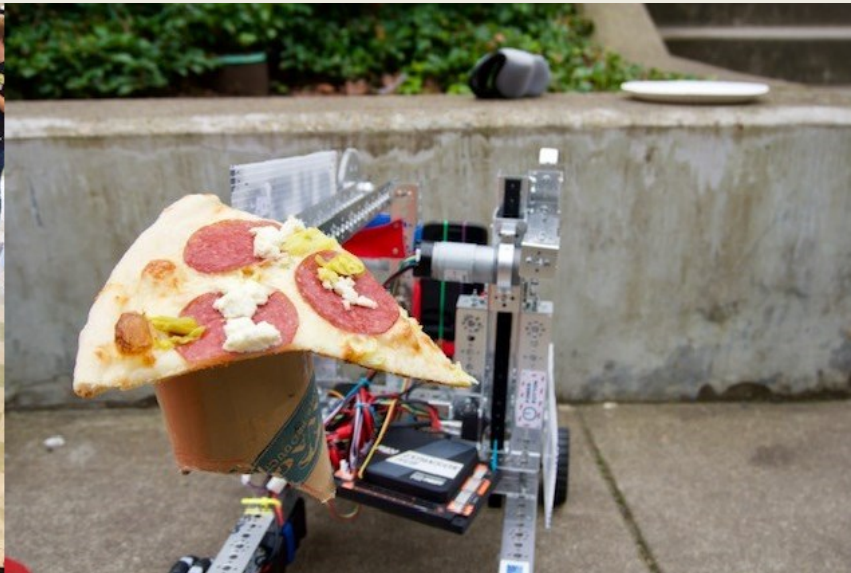
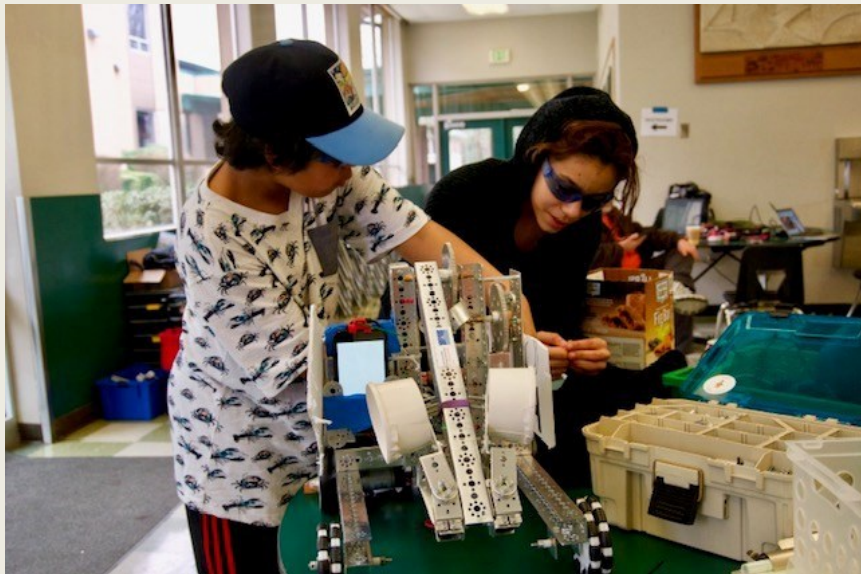




Self Enhancement, Inc.
Bonneville Power Administration
Grant Report 2019
Link to a brief video of 2018-2019
<https://www.youtube.com/watch?v=CiRAo53ViNs>



- Outcomes:
- Jefferson High School (JHS) robotics team won our Rose City League (1/12 teams) which we've been competing at since October.
 - Jefferson High School (JHS) robotics team was the captain of the 2nd place alliance in the Super-qualifiers (Portland, Tigard, Beaverton) (1/26 teams)
 - Jefferson High School (JHS) robotics team advanced to the Regional Qualifier. One tournament removed from State Championships (~200 teams in Oregon)
 - Jefferson High School (JHS) robotics team placed 9th place out of 200+ teams at the state championships.
 - Two Jefferson High School (JHS) seniors from the robotics team are applying for colleges and plan to apply for FTC scholarships to obtain degrees in the STEM related fields.
 - The students engaged with the local community to get Pizza donated for the tournament.
 - The high school robotics team enrollment was at an all-time high with 25 active participants throughout the year.
 - SEI established a middle robotics team that competed at a high school level all year.
 - 300 students were exposed to STEM/STEAM opportunities.



Learning Objectives Achieved:

- The SEI robotic/STEM students are building a toolbox of skills which will allow them to become stronger people and roboticists in the future.
- The SEI robotic students have learned how to install and maintain electric batteries, motors, servos, and some have even learned to code them and build Android Apps using Java.
- The SEI/STEM students have learned and enacted the FTC standards of "Gracious Professionalism" and "Cooperation"