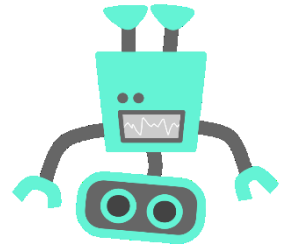


Are you interested in *robotics*?

Do you like to find ways to solve  
real-world problems?

Are you considering a *career* in science,  
technology, engineering, or mathematics?



# Sea, Air, and Land Challenge

High School STEM Engineering  
Program

for ALL students in Grades 9 - 12

- Office of Naval Research and Penn State sponsored program.
- Teams of 5 - 10 high school students learn the engineering process through the design of a system relevant to the Department of Defense.
- Teams will meet Tuesday and Thursday mornings from 7 -7:50 a.m. beginning in December.
- The designed systems are then used to compete in challenges that mimic missions encountered by the military, national security agencies, and first responders.
- This challenge provides the opportunity to work with industry mentors.
- Teams have 12 to 16 weeks to design an unmanned vehicle and intelligence, surveillance and reconnaissance (ISR) payloads to compete in a predefined set of challenges. The challenge will be held at PSU Altoona on April 12, 2019.
- This is open to ANY student in grades 9-12.

Contact Mrs. Prebish by e-mail at [prebism@pcam.org](mailto:prebism@pcam.org)  
by Friday, November 30th if interested.