



SOFWERX

S.T.E.M.

## W. D. Sugg Middle School STEM Program

6 April - 5 May 2018

From 6 April to 5 May 2018, SOFWERX partnered with W.D. Sugg Middle School in Sarasota, FL to develop and execute a comprehensive drone program.

One hundred fifty students enrolled in the Technology & Engineering elective were involved. SOFWERX sent staff for two “mentorship days” where students learned about drone safety, practiced flying grant-provided Tiny Whoop drones, and developed maneuverability skills to employ in their intra-school championship and the culminating Bradenton Area Drone Olympics.

SOFWERX coordinated with FlyMotion and the Manatee County Hazmat Fire Rescue team to attend the school-wide championship to show how their teams employ the use of drones for public safety.

## Event Outcomes

- W. D. Sugg Middle School students were able to learn about commercial drone operation and maintenance and see drones used in a real-world application.
- SOFWERX was able to mentor and assist students in preparation for their intra-school championship and subsequent Bradenton Area Drone Olympics.
- SOFWERX was able to present students with applicable uses for STEM degrees in hopes to inspire the youth to learn and engage in the future of technology.