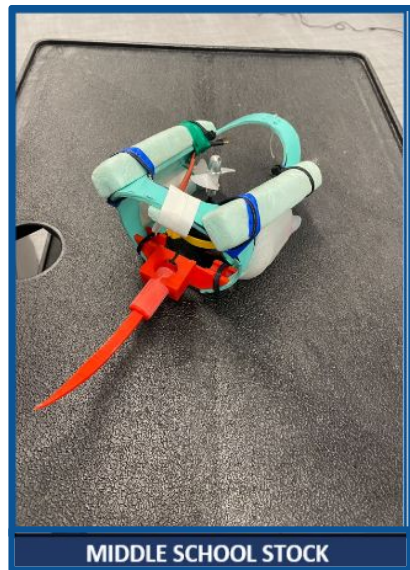


Seaowls SunRays

The Cane Institute at A.D Henderson University School, Boca Raton, FL, USA



Seaperch Design Overview

The craft for the International Seaperch competition was designed to reduce the weight and increase speed and mobility of the craft. The overall body of the design was made out of a single 4 in' blue pvc sewer pipe, which was cut and heated into the frame shape. The motor holders the team designed and 3D printed both of the horizontal motors. The vertical motor is attached to the craft. The hook and holder were also designed and 3D printed to fit the craft . For buoyancy the team used closed cell foam to reduce its ability to fill with water.

- Years Participated in Seaperch: 2-3
- Years competing at the International competition: 2-3

Our seaperch is unique because...

Our Seaperch is unique because it is made of a single piece of PVC that is cut and molded into shape. It also has a mesh tether that was stripped of its outer sheath and reposed with a “snakeskin” like rope to lighten the tether.

Our biggest take away this season...

Is that the team needs to work to each team member's strength to utilize each team member's strength to have the best success rate possible.