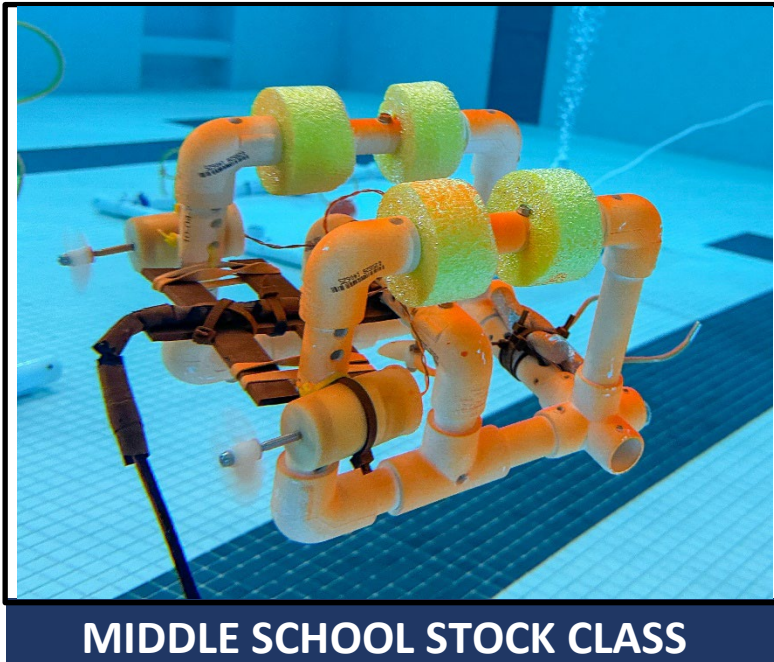


Safety Fish

Aldo Leopold Community School, Green Bay, WI USA



- 3 Years participating in SeaPerch
- 1st Times at the International SeaPerch Challenge

Our SeaPerch is unique because: (100 words MAX)

We designed a special tool to retrieve objects in the mission course both by scooping and poking through openings. This gives us flexibility in picking and placing objects – plus it allows us to capitalize on luck if it happens! This tool swivels to tuck away for the obstacle course allowing for a shorter ROV length to have to fit through the hoops.

SeaPerch Design Overview: (100 words MAX)

Our overall design strategy was about simplicity. We focused on the basics: Balance, maneuverability, driver control and keeping the cord as short and straight as possible. Each of these areas was tested, iterated, and retested to find what worked best for us. Our goal is to improve significantly each year, and we've met that goal!

Our biggest takeaway this season is: (100 words MAX)

The two major things we focused on this year were teamwork and design process. Teamwork meant that we allowed each other to focus on areas that our strengths could contribute to, and that making decisions as a team required good communication and, sometimes, compromise. Design Process meant testing, prototyping, iterating and testing again. The first idea is just the starting point. And gathering data guides improvements. Our last takeaway: Seaperch ROCKS!