

Ocean Perch

Clinton High School/Clinton/Michigan



Open Class

- 3 Years participating in SeaPerch
- 2 Times at the International SeaPerch

Challenge Our SeaPerch is unique because: (100 words MAX)

Our seaperch is unique because its fully 3d printed for all of the different needs of a basic ROV and to give us the most speed because of the low weight. Our ROV is made perfectly for each thing we need like where our motors need to go which fit perfectly without zip ties even. We also have a spot for floaties/backer rod to fit into to control our buoyancy whenever we need.

SeaPerch Design Overview: (100 words MAX)

Our design is a fully 3d printed frame so it has a low weight for a fast speed while still not having a lot of drag through the water. Our design has designated spots for all three of our motors that fit perfectly and also have a channel on the side for the wire to come out. We also have a 3d printed hook that is attachable so we don't have to worry about it when we just want to test our speed. Another thing our ROV has is the tubes on the side which gives us the ability to adjust buoyancy with floaties or backer rod.

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

Our biggest takeaway this season is testing, we didn't test our designs as much this year because we just kept making different designs all year long instead of testing as much to see what works well in the water. If we tested our designs more we wouldn't have been as rushed for the regional competition because we weren't as prepared as we would have been with testing other designs.