

Bizarre Barnacles

Stevenson Middle School



- 2 Years participating in SeaPerch
- 0 Times at the International SeaPerch Challenge

Our SeaPerch is unique because: (100 words MAX)

The Bizarre Barnacles ROV is a modified version of the Utility Vehicle in the Seap\Perch manual. We modified the measurements by half an inch from the standard model. We all contributed our unique skills and abilities to create the best R.O.V design.

SeaPerch Design Overview: (100 words MAX)

Our team decided to take on different roles and responsibilities based on our skills and strengths. Marlene Herrera worked as the electrical engineer. It was difficult to fuse the circuit board due to the solder iron having difficulties. Sofia Rodriguez and Camila Takrouri worked as the structural engineer for the assembly of the ROV. Evelyn Ramos was the mechanical engineer and worked with wiring and waterproofing the motors.

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

- Evelyn Ramos: My biggest takeaway was learning how to wire motors with solder and waterproof using wax.
- Sofia Rodriguez: I learned how use a drill to make drainage holes for the stability of the ROV
- Camila Takrouri: I learned how to scale and use ratios to measure the structural framework for the ROV
- Marlene Herrera: I learned how to be meticulous and careful while soldering the switches, toggles and fuse to the circuit board for the controller.