SeaHornets
East Central Middle School, Hurley, Mississippi United States

Years participating in SeaPerch: 1
Times at the International SeaPerch Challenge: 0

Our SeaPerch is unique because:
We modified the initial SeaPerch handbook directions for the ROV to meet the ideas we had for the ROV to function better based on our brainstorming ideas for the missions course and obstacle course.

SeaPerch Design Overview:
Our design was simple, we took the basic ROV design from the SeaPerch handbook and shortened the length of PVC pieces by 1" to make it small and easier to move through the obstacle course. Once the basic design was done, we added deck screws to the front of the ROV to be able to pick up game pieces in the missions course. We made it so the screws can be screwed all the way in for the obstacle course and screwed out for the mission course.

Our biggest takeaway this season is:
One of our biggest takeaways is that when building anything, it is important to precise in your measurements and cutting of structure pieces. We had to rebuild our ROV because we did cut all of our pieces based on our measurements, which made our ROV to sit crooked and lopsided.