

Sea Dragons

Port Townsend STEM Club — Port Townsend, WA

About the Company



Sea Dragons Company

Left to right: Logan, Everest, Ella, Nathaniel, Blake (supporter) and Ayden

4,457 km to the MATE International ROV Competition!

Ayden Ratliff: 6th grade, O.C.E.A.N. School, 3rd year in MATE Competition: Head of Marketing, Engineer and Pilot

Ella Ashford: 12th grade, Teach NW School, 4th year in MATE Competition: CEO, Pilot, Electrical and Software Engineer

Everest Ashford: 7th grade, Teach NW School, 4th year in MATE Competition: Tether Manager and Safety Captain

Logan Flanagan: 12th grade, Port Townsend High School, 2nd year of MATE Competition: Head of R&D

Nathaniel Ashford: 9th grade, TEACH NW School, 4th year of MATE Competition: CFO, Pilot and Lead Mechanical Engineer

ROV Specs

Cost: \$4,753.00 ROV value including the value of donated or discounted components.

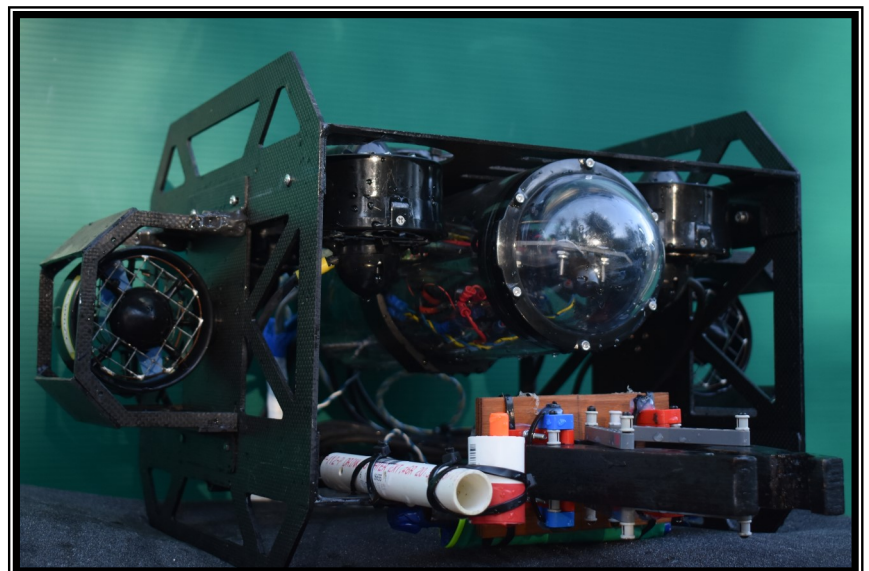
Dimensions: 26.7cm by 54cm by 45.5cm **Weight:** 13 kg **Student Hours:** 1000 hours

Special Features:

- Electrically powered manipulator for strong grip and reliability
- Six T-100 thrusters for balanced and controlled thrust
- Recycled Carbon Fiber frame

Safety Features:

- Shrouded T-100 thrusters
- Handholds on ROV for safety
- Insulated tether for protection
- Power kill switch



S.S. Dragon — The Sea Dragons' ROV

Photo Credit: Ella Ashford