



Siku



Shark Tech - Labrador Straits Academy
L'Anse au Loup, NL - Distance to World Championship: 3403Km

Specs	Special Features	Safety Features
Height: 27 cm	Custom 3d printed components	Strain reliefs on both ends of the tether
Width: 38 cm	15 m buoyant tether	25A fuse within 30 cm of the main power supply
Length: 43 cm	User-friendly control system	Detailed Safety Procedures
Weight: 8 kg	Advanced pneumatic System	Shrouded thrusters to meet IP20 Standards
Total Cost: \$5000 CAD	Repurposed fishing cameras	Caution labels on all dangerous parts
Build Time: 1500 hrs	Simplistic hydrodynamic design	Rounded edges



Company Information

Name	Role	Grade	Career Goals
Marcus Flynn	CEO	11	Marine Biologist
Yashveen Gunput	CFO	10	Mechanical Engineer
James Penney	Pilot	11	Captain/Skipper
Luke Hudson	Co-pilot	12	Civil Engineer
Finlay Jones	Sr. Computer Engineer	12	Mechanical Engineer
Christian Roque	Electrical Technician	12	Civil Engineer
Owen Hudson	Mechanical Technican	12	Electrician
Olivia Normore	Operations Manager	10	First Responder
Julian Flynn	Lead Technical Writer	12	Physician
Madison Cabot	Technical Writer	9	Architect
Maria Barney	R&D Technician	9	Vet
Belle Gibbons	Marketing Manager	10	Physiotherapist
Jerry Cabot	Jr. Computer Engineer	11	Game Designer

Figure 1: Siku ROV Photo by Finlay

Additional Company Information

- This is our third year competing in the MATE ROV Competition
- Placed 12th at the 2023 MATE ROV World Championship, and 18th in the 2024 World Championship
- Our students' grades range from grades 9-12.



Figure 2: Shark Tech (Back row L-R) Mr. Allen, Jerry, Finlay, James, Yashveen, Julian, Marcus (Front row L-R) Luke, Madison, Owen, Christian, Maria, Olivia, Belle. (Missing: Mr. Regular)