



Great White 1



Shark Tech- Labrador Straits Academy

L'Anse au Loup, NL- Distance to International Competition: 5,398km

Great White 1 Specs	Special Features	Safety Features
Height: 30.5cm	<ul style="list-style-type: none"> • Custom 3d printed tools 	<ul style="list-style-type: none"> • Strain reliefs on both ends of tether
Width: 37.2	<ul style="list-style-type: none"> • 15 m buoyant tether 	<ul style="list-style-type: none"> • 25A fuse within 30 cm of the main power supply
Length: 32.5	<ul style="list-style-type: none"> • User friendly control system 	<ul style="list-style-type: none"> • Detailed Safety Procedures
Weight: 5.67 Kg	<ul style="list-style-type: none"> • Advanced hydraulic system 	<ul style="list-style-type: none"> • Shrouded thrusters to meet IP20 Standards
Total Cost: 1857.88	<ul style="list-style-type: none"> • Water-proofed cameras 	<ul style="list-style-type: none"> • Caution labels on all moving parts
Total Build Time: 1200 Hours	<ul style="list-style-type: none"> • Simplistic design 	<ul style="list-style-type: none"> • Rounded edges

Name	Role	Grade	Career Goals
Marcus Flynn	CEO	12	Marine Biologist
James Penney	Pilot	9	Captain/Skipper
Logan Ryland	Co-pilot	11	Marine biologist
Christian Roque	Electrical Engineer	10	Civil Engineer
Owen Hudson	Technical Writer	10	Electrician
Luke Hudson	Technical Writer	10	Carpenter
Priyanshu Gunput	Lead Engineer	9	Civil Engineer
Finlay Jones	Engineer	10	Civil Engineer
Nicole Flynn	Safety Officer	12	OHS Officer
Lucas Buckle	Teather Management	11	Computer Technician

Additional Team Information

- We are all new to the MATE ROV competition
- Our students grades range from grades 9 - 12

