

Hackley Whirlpool Robotics

Hackley School in Tarrytown, NY (1,045 km from Kingsport, TN)

About the Company



Left to right: Jimmy Mulosmani, Ben Iaderosa, Cydnee Copeland, Sam Nadol, Travis Knaggs, Mateo Arencibia. Photo credit: Melissa Boviero

About the Team

- 10th, 11th, and 12th grade members
- Jimmy Mulosmani (11th)
 - Assistant Design
- Ben Iaderosa (10th)
 - Marketing and Presentation Manager
- Cydnee Copeland (12th)
 - Project manager, mechanical engineer, Co-pilot
- Sam Nadol (12th)
 - Lead electrical engineer, programming manager
- Travis Knaggs (12th)
 - Lead designer, Pilot, hardware engineer, writer
- Mateo Arencibia (10th)
 - Mechanical Engineer, CAD Specialist

ROV Specs

- Name: Starfish
- Total Cost: \$2754
- Dimensions: 50.8cm X 40.6cm X 33 cm
- 10.8 kg
- 280 collective hours including team and individual work
- Safety Features:
 - Motor Shrouds
 - Anderson Powerpoles
 - Claw Pressure Sensors
- Other Special features:
 - Onboard electronic system
 - Xbox Controller

Right photos are views of Starfish.

Photo Credit: Melissa Boviero

