



Team Specs

California Academy of Mathematics and Science Explorer Team

Carson, California, United States of America

2,600 miles from Los Angeles to Honolulu

4th year International MATE ROV Competition Participant (1 year in Ranger and 3 years in Explorer)



David Vawter (Team Captain), Gregory Del Rosario (Outreach Manager), Christopher Hall (Pneumatics Manager), Brandon Lam (Strategy Manager) Brian Lee (Payloads Manager), Cristina Lopez (Buoyancy Manager), John Arakaki (Build Manager) & Jenny Zhang (Communications and Poster Display Manager)

Grades 9-12



ROV Specs

ROV name: Darth Vawter

Total Cost: \$3000

Primary Material: ABS

Approximate dimensions: 70 cm X 40 cm X 40 cm (Check in tech report)

Total weight in AIR: 10 kg

Safety features: Motor prop guards, electrical taped connections, lead free solder, warning labels

Special features: Wheels, Rectangular frame, ABS plastic rapid prototyped/Self-designed Claw, Suction cup turned vacuum, Thermister, Intake Rollers

