

## Company Spec Sheet Hydro-Kinetics

### COMPANY SPECS

- **Company Name:** Hydro-Kinetics
- **School:** Homeschooled
- **Home state:** Florida, USA
- **Distance required to travel to the World Championship:** 2566 miles
- **History of MATE ROV competition participation:** New (all members)

### Members and Roles (listed from left to right):

- **Ian Michko** (10<sup>th</sup> grade) – Systems, Engineering, Electronics
- **Zor Waters** (9<sup>th</sup> grade) – CFO, Design Integration Lead, R&D
- **Emma Fravel** (9<sup>th</sup> grade) – Engineering, Corporate Responsibility
- **Franco Calmet** (8<sup>th</sup> grade) – Buoyancy
- **Caleb Godbey** (10<sup>th</sup> grade) – Systems, Engineering, Operations
- **Maia Munera** (8<sup>th</sup> grade) – CEO, Government and Regulatory Affairs, documentation
- **Joshua Godbey** (8<sup>th</sup> grade) – Safety Officer



Team Photo (Image by Lonnie Fravel)

### ROV SPECS

- **ROV name:** JOE-V5.2
- **Total cost:** \$3,139.31
- **Size:** Width: 43.18 cm, Length: 68.58 cm, Height: 33.02 cm
- **Weight:** 4.4 kg (without tether)
- **Total student-hours to design and build:** 360 hours
- **Safety Features:** GFCI outlet connectors, 3 safety fuses, propeller guards.
- **Special Features:** Manipulator, probe, GO-BGC Float, Cameras, Photomosaic Stitching Process, Measuring System.
- **Photo of Vehicle:**

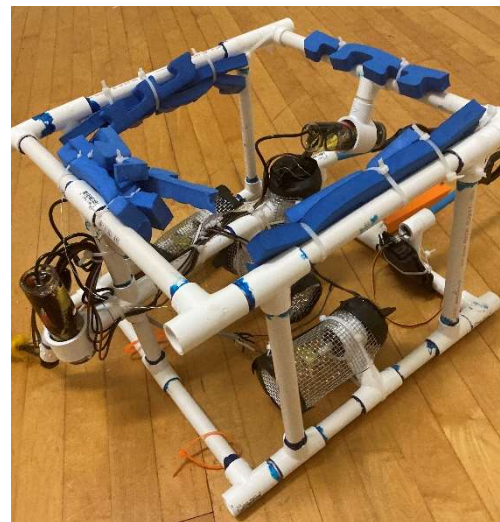


Photo of ROV (image by Zor Waters)