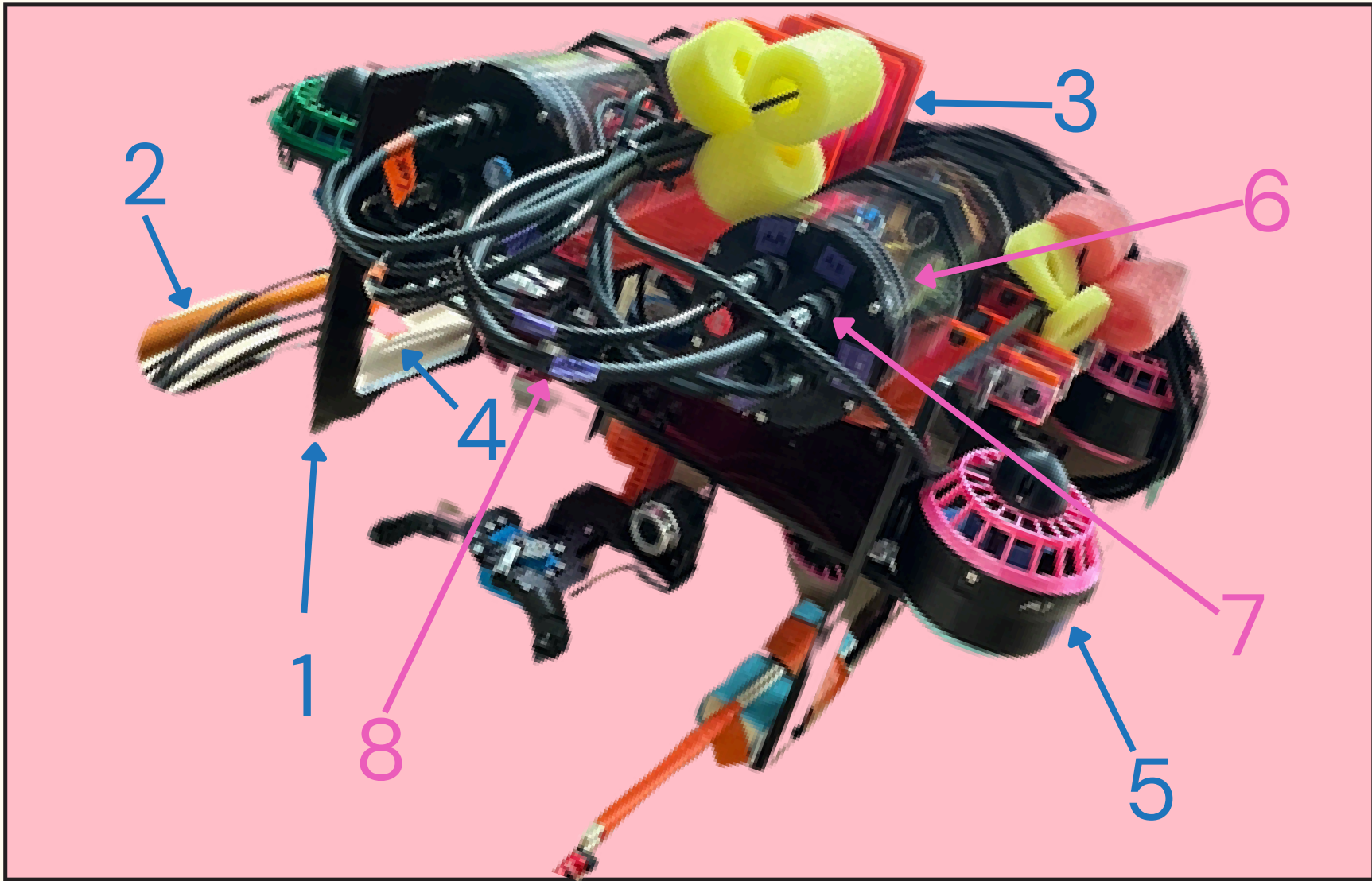


H2OPERATIONS

2599 MILES TRAVELED TO WORLD COMP.
8 TIME MATE PARTICIPANT
FRANCIS W. PARKER SCHOOL, CHICAGO, IL., UNITED STATES OF AMERICA
TEAM ID: O212A

Nemo



Safety features

- 1) Rounded corners on previously sharp edges.
- 2) Sheathed tether to prevent damage to electrical/communication lines.
- 3) Redesigned strain relief using cable gland and PVC pipe for improved resistance to pulling.
- 4) Water flow holes function as handles to safely carry robot.
- 5) Thrusters are raised to ensure they aren't damaged by surfaces.

Special features

- 6) Two enclosures to evenly distribute buoyancy.
- 7) Penetrators on both ends of enclosures to evenly distribute the weight of the electronics.
- 8) Downward facing camera which gives a greater field of view.

Length: 14.5 inches
Width: 18.5 inches
Height: 11.2 inches
Weight: 11.5 KG

Total student work: 175 hrs
Total cost: \$8,861.58

H₂Operations



Top Row (Left to Right): Theo Hirsch '29 (Mechanical Engineer), Jayden Flores '29 (Mechanical Engineer), Felix Farkas '26 (Mechanical Head), Wallace Davis '28 (Electrical Engineer), Dhruv Moorthy '26 (Electrical Engineer), Charlotte Paul '26 (COO), Linus McMullan '29 (Mechanical Engineer), Dr. Julia Ehrhardt (Mentor)

Middle Row (Left to Right): Tayler Brewer '29 (Mechanical Engineer), Mrs. Elizabeth Druger (Mentor), Teagan Druger '29 (Cameras Head), Shriya Chaudhari '28 (Marketing), Lila Petry '28 (Electrical Engineer), Solena Pagnucci '26 (CEO), Paige Randell '26 (Code Head), Sienna Holt '29 (FLOAT Engineer), Jorge De La Cruz '28 (Electrical Engineer), Abraham Ehrlinger '28 (Mechanical Engineer), Selene Gutierrez '28 (FLOAT Engineer)

Bottom Row (Left to Right): Mr. Xiao Zhang (Mentor), Carmen Conner '29 (FLOAT Engineer), Delilah Davis '26 (Electrical Head), Krysi Aguilar '29 (FLOAT Head), Scarlett Mosquera '28 (FLOAT Engineer), Zoe Mensah '29 (Code Programmer), Naia Trukenbrod '26 (Marketing Head), Mrs. Brianna Ifft (Mentor), Khaliah Lastic '28 (Marketing)