

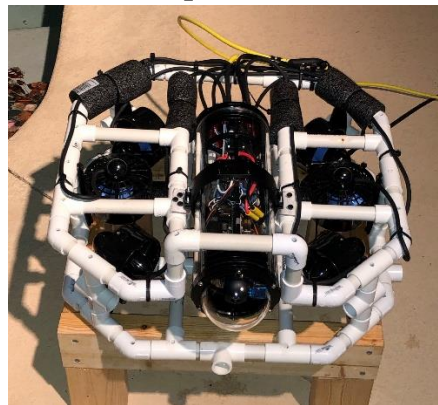
**Ursa Apex Robotics  
Cottonwood High School  
Houston County, Alabama**

Our company will travel approximately 188.6 miles to attend the 2019 MATE Competition. We are a returning company, this is will be our third year competing. Ursa Apex Robotics is represented by a range of students from 6<sup>th</sup> through 11<sup>th</sup> grades.



**Top Row:** Mr. Walter Handley - Coach, Hayden Rimscha- 8<sup>th</sup>- Engineering Supervisor, Cody Adams-8<sup>th</sup>-CoCEO, Grace Jarrett-9<sup>th</sup> – CFO, Kaytlin Cornelius – 7<sup>th</sup> - Marketing  
**Middle Row:** , Seth Monk- 8<sup>th</sup> – Electronics and Safety Manager, James McCord - 6<sup>th</sup> - Engineering  
**Bottom Row:** Noah Handley – 6<sup>th</sup> – Electronics and Engineering, Grady Jackson-8<sup>th</sup>- Engineering  
**Not Pictured:** Riley DeLoach – 11<sup>th</sup> – CEO, Jacob McCord – 11<sup>th</sup> – Marketing, Jackson Roberts – 7<sup>th</sup> - Marketing

**Aqua Bear**



Our robot was designed and built in approximately 45 hours, using approximately \$3,000.00 worth of materials and electronics, donated by various investors and parents. Crush is 22” x 21” x 17 1/2” and weighs approximately 19 lbs. **Safety Features:** No sharp edges, while motors and props are situated within the frame with shrouds protecting both the front and rear of the thrusters. All electronics are within a watertight container. **Special Features:** Plexiglass claw to help retrieve items along with modular design that allows for the attachment of various accessories. Crush also features a fish/grout dispenser.