

Team Monkey Madness

FTC #5096

Years of Existence: 3rd year FTC, 6 years FLL

- 2013 FTC World Champions
- 2013 Winner 2nd Place at Asian-Pacific Invitational, Sydney, Australia
- 2013 Kentucky FTC State Champion
- 2012 Winner 3rd Place Inspire Award at 2012 FTC World Championship
- 2012 Georgia FTC State Champion
- 3 time Alabama FLL Champions

Number of Students: 6

Number of Meetings: 3 or more per week

Outreach Activities:

- Building a robotic arm attachment for a quadriplegic – Present
- Chartered HHS Robotics Club – Present
- Mentored FTC and FLL teams during 2011 – present
- Led Workshops at 2013 Alabama FTC Kick-off - September 2013
- Led Workshop for Rookie FLL teams – September 2013
- Served as coaches at Grissom robotics summer camp - 2012 & 2013
- Demonstrated FTC robot at AUVSI Symposium – 2012 & 2013

What is FTC?



- ✧ FIRST Tech Challenge (FTC) is a high school level competition for the FIRST Robotics Organization, which also includes: Jr. FLL, FLL, and FRC
- ✧ Benefits of FTC:
 - Design, build, and program robots using hardware controllers, remote controls, servos, high powered motors, and sensors
 - Apply real-world math and science concepts
 - Develop problem-solving, organizational, and team-building skills
 - Compete and cooperate in alliances and tournaments
 - Qualify for nearly \$10.7 million in college scholarships

AUVSI Grant Request and Use

➤ **FTC Robot Parts Costs (\$1240)**

- TETRIX® DC Gear Motor (W739530) (16 @ \$25/each) \$400
- PP15-50 15 Amp Unassembled Red/Black Powerpole Set \$ 40
- RB-18-80 Red/Black Zip Cord, Gauge 18, Length 50 ft: \$ 15
- HiTechnic Servo Controller (W991445) (2 @ \$80/each) \$160
- TETRIX® Motor Encoder Pack (W738000) (4 @ \$80/each) \$320
- HiTechnic Touch Sensor Multiplexer (W991446) \$ 30
- 2013 “Block Party” Field and Blocks \$275

➤ **Competition Costs (\$700)**

- Registration for 2 qualifying tournaments: \$100 x 2 \$200
- Registration for 2 state tournaments: \$250 x 2 \$500

➤ **Robotic Arm Attachment Costs (\$110)**

- 2.4G CT6B 6-Channel Transmitter+Receiver (R6B) \$ 55
- HS-5685MH Continuous Rotation Servo \$ 65

➤ **POC: Renee Kozar 256-536-9768 (h), 256-603-9105 (c)**

Competitions Scheduled

- ✧ 2 Qualifying Tournaments between November 2013 and February 2014
- ✧ Arkansas FTC Championship December 2013
- ✧ Georgia FTC Championship February 2014



Thank you for your generous support in previous years!!!