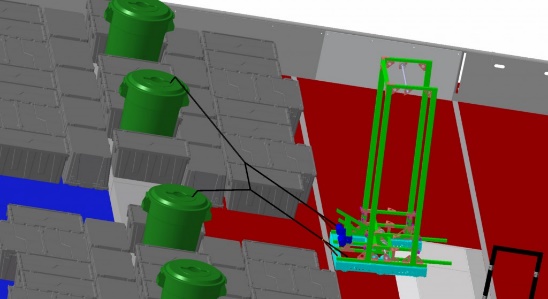
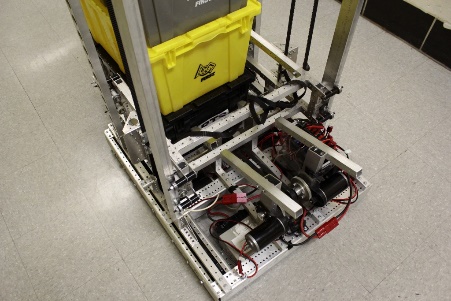
**Team 1389 The Body Electric proudly presents our 2015 robot,**

**LIFTZILLA**



**Robot Plans to demonstrate**

* The ability to place 4-6 tote stacks with CT
* The ability to pick up horizontal Containers
* The ability to place horizontal containers on 4 stacks
* The ability to do two 5 tote + container + noodle stacks in 2 min
* 20 pt auto
* 2 container off step auto
* 3 second per tote loading

**Robot Has demonstrated**

* The ability to build 1-6 tote stacks with CT
* The ability to place 1-3 tote stacks with CT
* The ability to pick up vertical Containers
* The ability to place vertical containers on 3 stacks
* The ability to do two 3 tote + container stacks in 2 min
* Placing 3 totes on step
* 4.5 second per tote loading

**Specifications:**

* Drivetrain Speed: 12 ft/sec
* 6 wheel mullet drive using AndyMark 4" Performance and Omni Wheels
* 1 stage elevator, ground to max height in less than 2 seconds
* 4 sided powered stack stabilizing
* Acceleration control stack stabilizing
* Rear load feeder ramp
* Side container lift tabs
* Lift location sensors
* Navx field location capability

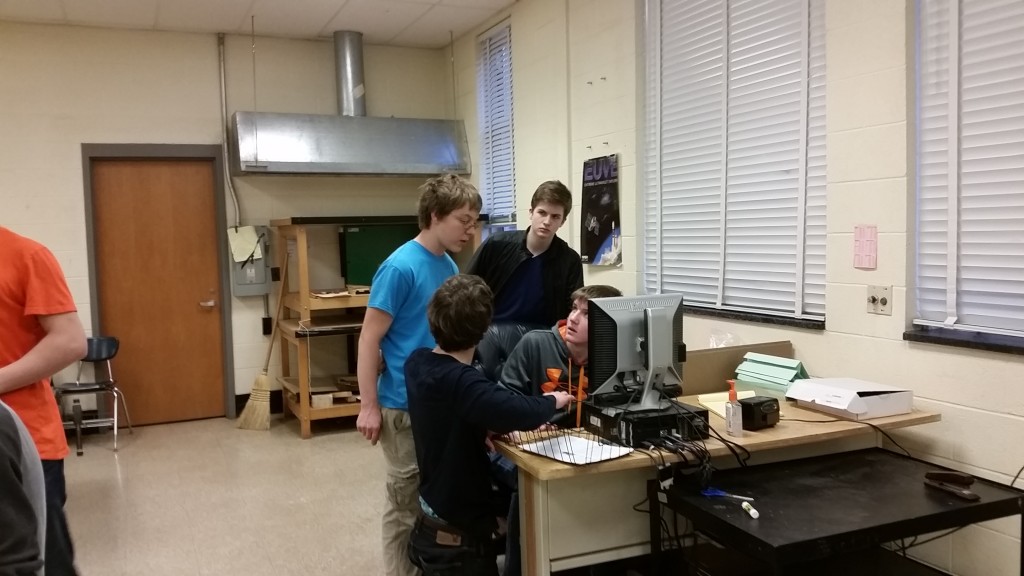
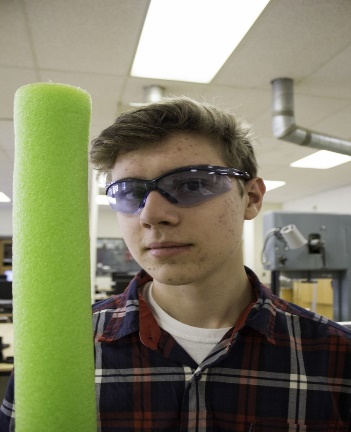
**Team 1389 - The Body Electric**



FIRST Team #1389, “The Body Electric,” is the Walt Whitman High School robotics team, based in Bethesda, Maryland. The team functions as a Walt Whitman High School Club and is open to participation by all students.



**Drive Team**



The team engages in robotics activities year-round.

* Fall: The team recruits new students, raises funds, and does training and team-building.
* Winter: In January the team works intensively in a six-week “build season” to design, build, program, test and troubleshoot a robot to enter in the [FIRST Robotics competition](http://www.usfirst.org/roboticsprograms/frc).
* Spring: The team enters one or more [FIRST regional tournaments](http://www.usfirst.org/roboticsprograms/frc/regional-events), usually including the Washington, DC Regional and Chesapeake Regional tournaments. After tournaments the team begins leadership transitions for the next season.
* Year-Round: The team does fundraising and community demonstrations, including at Walt Whitman High School Club and Open Lab nights, area schools, and USA Science and Engineering Festivals.