

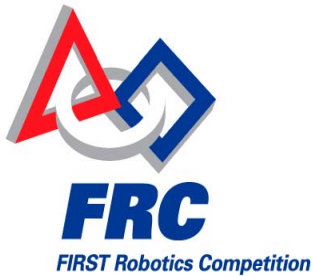
Team 2404 "TNT" Robotics

September 16, 2008

FIRST: For Inspiration and Recognition of Science and Technology

Welcome to John Muir High School's

Robotics Team 2404 "TNT"



The first robot ever to represent PUSD in this year's For Inspiration and Recognition of Science and Technology (FIRST) Regional Competition, in Los Angeles.

The John Muir High School Robotics Team 2404 "TNT" has completed its "Rookie" year. The team consists of 18 energetic students. These students have affectionately named this year's robot "Dino-Bot." The team has collectively designed, built, programmed, and shipped their first competition class robot. This is the first robot ever to represent PUSD in this year's For Inspiration and Recognition of Science and Technology (FIRST) Regional Competition, in Los Angeles.

The students held a rollout lunch time campus event, built a crate to house the robot, and shipped out their robot, all within a designated six-week period. They competed in FIRST Robotics Los Angeles Regional Competition where they won the "Rookie Inspiration Award." They are hosting the "Fall Classic" Competition on September 27th along with several of the top teams from regionals. Our vision is similar to that of FIRST's; to both inspire and excite more young people about the fun, accessibility, and importance of science and engineering.

Who We Are:

- John Muir High School from Pasadena, CA (Although 3 of our students were adopted from the community as we are open to anyone)

Who Sponsors Us:

- NASA/JPL
- Neighbors Empowering Youth (NEY)
- Mustangs on the Move
- Flintridge Foundation

What Do We Want?

- To show the community that if you support us, we can achieve great things.
- To make a large, positive, and effective impact on our school and community.





We want to show the community that if you support us, we can achieve great things.



"Dino-Bot," T N T

Our Long Term Goals:

- To integrate FIRST Robotics into each academy at John Muir High School. Through the partnership of the Business & Finance Academy and Science & Engineering Academy we were able to achieve a successful season. Our team is working hard with the Principal, facility, and advisory school board to start this integration process. FIRST Robotics will act as a platform to teach the students in different areas: AutoCAD, Engineering, Manufacturing, Physics, Mathematics, Computer Science, Digital Media, Digital Arts, Arts, Marketing, Finance and Business.
- To turn around our community and make a true impact by helping others achieve their top potential. We are on our way as John Muir Alumni and community members have been showing their support.

Community and School Involvement:

- Lunch time demonstration for the John Muir students and faculty.
- Cleaning the graffiti from the buildings where we work.
- Developed a video about FIRST Robotics to inspire other to the potentials of FIRST.
- Helped fix computers with Mustangs on the Move to donate to underprivileged families in the community.
- Contacted our local newspaper (Pasadena Star News) and other local media.
- Continue work on cleaning up the neighborhood and school as there is a lot of litter and graffiti.
- We are in contact with a local FIRST Lego team (Cleveland Robotics), where we demonstrated what the FRC program is like.
- Hosting the "Fall Classic" Competition at John Muir.

Future:

- We plan to demonstrate our robot at other Pasadena schools and work with these schools to support new FIRST Robotics teams.
- We plan to continue to improve and compete in the 2009 Los Angeles, Regional competition.
- We are striving to be invited to the 2009 National Competition in Atlanta, GA.

Summary:

- TNT - Team 2404's robot is the new kid in town and came out with a blast. Although we did not make the finals in this year's competition, we had a very respectable showing.
- As our number one goal of getting the community involved we were quite successful in getting the community members and students to the LA Regional. TNT is a rookie team but we supported a lot of teams with parts and helped our alliance members get up and running the last seconds before starting the match.

How You Can Help Team 2404

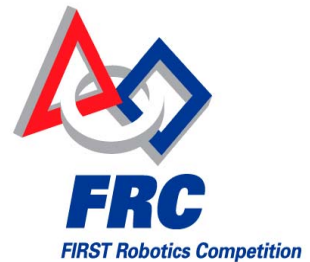
Like most FIRST teams, we need to raise funds in order to participate in the program (about \$35,000 for 2009). A significant portion of the funds go for FIRST registration fees (\$15,000) for our 2 regional events in San Diego and Los Angeles, plus the FRC Championship in Atlanta. The team typically purchases at least \$5,000 in extra parts, materials, and tools for construction of the robot. In addition, funds are needed for team travel and miscellaneous expenses to participate in events at remote locations (about \$15,000 depending on the size of our traveling team). These funds are generally obtained by donations from our generous sponsors. You can help us as we prepare for our second year in competition, either with cash or non-cash donations.



Non-cash donation examples include but are not limited to:

- Lunches, snacks, beverages
- Printing
- Advertising
- Tool and/or equipment
- Electrical/Electronic Supplies
- Pictures (Photos of students/events)
- Video (Students/events)
- Uniforms
- Transportation
- Your time and/or expertise

Supporters will receive recognition and invitations to events.



Thank you for supporting our team!

Donation Form

Name: _____

Address: _____

Phone: _____

Email Address: _____

*2008
"Rookie Inspiration"
Award Winners*



___ YES I would like to donate to The John Muir High School Robotics Team 2404 "TNT" Program.

All donations are tax deductible to the extent provided by current IRS tax laws and regulations.

Invoices can also be provided upon request.

Donation Amount: ___\$10.00 ___\$25.00 ___\$50.00 ___\$100.00 ___Other

Non-cash Donations (goods and/or services): _____

For donations, please make check payable to:
Neighbors Empowering Youth (NEY) (EIN #95-4796093), note **FRC Team 2404** on the check.

Please return your contribution form to:
John Muir High School Robotics Team 2404
C/O Neighbors Empowering Youth (NEY)
2062 Lincoln Ave.
Pasadena, CA 91103
Attn: John Smith

Tax Exempt Verification Letter available upon request.

Thank You For Helping!
Team 2404 "TNT"

