

# Team 1912 Combustion

Northshore High School, Slidell, Louisiana



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## Educational Outreach:

- Engineering Class (NHS)
- Computer Science Education Week
- Soldering Workshop
- Reaching students through Club Day
- Freshman Orientation
- Robot Demo at Pep Rallies
- District and State PTA Workshops
- PTA Panel Discussion
- Robotics Bulletin Board
- Build Space on NHS Campus
- FIRST Spirit Pelican at NHS

## Political Outreach:

- Governor Bobby Jindal
- State Rep. Kevin Pearson
- State Rep. Greg Comer
- State Sen. AJ Crowe
- Recognized on LA House and Senate Floors
- Recognized by St Tammany Parish Council
- Recognized by Slidell City Council

## Professional Outreach:

- International Society of Automation
- Tulane Engineering Conference
- AIAA
- IEEE
- St Tammany Business Expo
- Louisiana Engineering Society
- Louisiana Technology Council
- National Society of Professional Engineers

## FIRST Sustainment

### Camps:

- Rocket Camp (ages 9-14)
- Science Camp (ages 6-9)

### Mentoring Teams:

- JumpStart quick builds
- Local FRC help desk, assistance in our build space and visits to others
- FRC Beta Test Team

### Starting New Teams:

- 6 JrFLL
- 3 FLL
- 1 VEX
- Obtained funding for 2 FRC teams

### FIRST Events:

- 2 FLL District Qualifiers
- JrFLL State Expo
- World War II Robotics Challenge
- US FIRST Girls

### Tools for Success

- Sustainment Plan for regional teams
- Booster Club
- Defined branding and media standards
- Stable framework and constitution
- Annual team training initiatives
- Alumni Tracking
- Zero Robotics SPHERES Competition



### **Robot Events:**

- Mardi Gras parade
- Veterans' Day parade
- SSC Bring your Child to Work
- MAF Bring your Child to Work
- PWR Bring your Child to Work
- Fit as a Firefighter Camp
- First Baptist Camp
- 21<sup>st</sup> Century Camp
- Yazoo City Boys & Girls Club
- STEM-ulate at SSC
- Bonne Ecole Science Night
- Zephyrs STEM Day
- NASJRB STEM Blitz
- Girl Scouts Jamboree
- Boy Scouts Expo
- Slidell Heritage Fest
- JC Penney Mall Visit
- Jr High Q&A Session
- College and Career Night
- 3D South Animation Camp
- Grief Camp
- National AARP Convention
- MAVEN Launch Broadcast
- Truth 180 Troubled Youth Day
- Boo Fest for Disabled Children
- Planetarium Film Premiere
- Whispering Forest Fall Fest

### **Environmental Outreach:**

- Bayou Sauvage Restoration
- Big Branch Swamp Restoration
- Bayou Lacombe Clean-up
- Slidell City Clean-up

### **Other Events:**

- LA Special Olympics
- Hospice Crawfish Cookoff
- NO Hornets Game
- Benefit Bake Sale
- Kevin Trimble Fund
- SWCC Holiday Gift Drive
- Haiti Relief Fund
- CCC Uniform Donation
- Operation Gratitude
- 9/11 Flag Stitch
- Pool Parties
- Paintball Parties



### **Technical Awards:**

- Regional Winner (07)
- Quality (10, 13)
- Engineering Excellence (10)
- Innovation in Controls (07)
- Coopertition (10)
- Excellence in Design (10)
- Best Website (11, 12)
- Website Excellence (08, 10, 11, 12)

### **Sponsors Past and Present:**

- Northshore High
- Salmen High
- NASA
- Naval Research Laboratory
- National Defense Education Program
- Textron
- Aerojet Rocketdyne
- Jacobs
- New Orleans Hornets
- Qualis
- Sierra Lobo
- Gulf Coast Pain Institute
- Huntington Ingalls
- Signs Now
- Lockheed Martin

### **Team Awards:**

- Regional Chairman's (10, 11, 12, 13)
- Gracious Professionalism (06, 09, 11)
- Judges (08)

### **Individual Awards:**

- Woodie Flowers (09, 13)
- Dean's List Finalist (10, 10, 11, 12, 13)
- Dean's List Winner (12)

**“Our mission is to promote science and technology throughout the community and beyond by demoing our robots, providing community service, and showing everyone how hard we work as young people with an ambition and a hope to inspire innovation and advancement everywhere we go and to everyone we meet.”**