

# team COMBUSTION 1912

May 12, 2013  
Volume 3, Issue 3

Northshore High School  
Slidell, Louisiana

**FIRST**

## THE INFERNO

### Upcoming Events

- Zephyrs Outreach Event

When: May 14 (8:30-noon)

Where: New Orleans

- Special Olympics

When: May 26 (9 am)

Where: Hammond, LA

- Grief Camp

When: May 31 (5 pm)

Where: Fontainebleau State  
Park

- Rocket Camp

When: June 3-7

Where: Cypress Cove Ele-  
mentary School

- Capitol Rotunda Visit

When: June 3

Where: Baton Rouge, LA

- Science Camp

When: June 10-14

Where: Cypress Cove Ele-  
mentary School

## 2013 Game Season Ends on a Blast; Summer of Outreach is Coming

With our newest robot, Hammerhead, we blazed through one of our most successful seasons. At the Bayou Regional in Kenner, we advanced to the semi-finals as a member of the 4th-seeded alliance. Founding mentor Wendy Holladay, a perennial leader of the team, earned the Woodie Flowers Award, the highest accolade for FIRST mentors. Junior Scott Kent was recognized as a Dean's List Finalist for his outstanding team commitment.

Our pinnacle achievement was a 4th consecutive Regional Chairman's Award, rewarding sustained community involvement. As FIRST's most prestigious honor, the Chairman's Award qualified us for



the World Championship in St. Louis.

After Bayou, we competed at the inaugural Razorback Regional in Fayetteville, Arkansas. We ranked 9th out of 41 teams and captained the 7th-seeded alliance in the quarterfinals. Scoring discs with exceptional accuracy, Hammerhead won the Quality Award. The World Championships, held in St. Louis, capped our 2013 season with 3 days of exciting Coopertition. Throughout the tournament, we enjoyed matches against the best teams in Galileo

Division, a Dean's List Button Wall, and conferences directed by fellow teams.

Building upon our team's considerable Chairman's Award experience from the past 4 years, 1912 Combustion has already ignited a new season of outreach, trailblazing at the Tulane Engineering Forum, State PTA Convention in Baton Rouge, Hospice Foundation's Crawfish Cook-off, ISA, inaugural robotics competition at the National WWII Museum, and much, much more.

As we approach yet another fiery summer of STEM, we thank all of our sponsors, mentors, and students for their endless support and enthusiasm. Our warmest wishes to the 1912 family as we wrap up one season and look forward to the next!

## WHO WE ARE

Northshore High School's FIRST Robotics Team, located in Slidell, Louisiana, was established in the fall of 2005 by a small group of students. Over the many years of its existence, it has grown from a group of seniors into a family of students of all grade levels and mentors devoted to our cause. When our team was initiated, we lived according to the principles designed by FIRST; thus, every student who went through the program left with the values originally instituted by its founders. Throughout the condensed time period of this overwhelming task, students are meant to develop their teamwork skills, dedication to a goal, communication with one's teammates and others, and perseverance to pursue the impossible. At Northshore, this is exactly what our students experience.

VISIT OUR WEBSITE:

[WWW.TEAM1912.COM](http://WWW.TEAM1912.COM)

CONTACT US:

[COMBUSTION@TEAM1912.COM](mailto:COMBUSTION@TEAM1912.COM)

AND FOLLOW US ON

FACEBOOK AND TWITTER



## LOOKING FOR MECHANICAL ENGINEERS

Team Combustion is in need of mechanical engineering mentors. As a mentor, you can assist us in building and designing our robot. Our main season is a six week period between January and February. Contact us at our email and visit our website.



FOR MORE INFO, GO

TO:

[WWW.USFIRST.ORG](http://WWW.USFIRST.ORG)

## A Team Combustion Build Season

Six weeks of intense building, teenagers working with passion—that is the robotics build season. Every team across the country will be trying to figure out the best strategy that will allow them to win and/or go to the international competition in St. Louis, Missouri. Some will be rookie teams. Some will be large, experienced veteran teams. But what about Team Combustion? What do we do? Who are we? In order to answer these questions, one must look at the way Team Combustion functions. We have build sessions four times in the week: Monday, Tuesday, and Thursday from 5:30-9:00 and Saturday from 9:00-4:00—a total of 17.5 hours. Each meeting day, members mill about, finding tasks to tackle and simple jobs to be done. We have a chassis team, challenge team, and a controls team that work together to make the robot. Chassis is in charge of building the wheels and framework of the robot, whereas the Challenge team does their best to figure out the best way to tackle the “challenge.” The controls team works all things electrical and will most likely be the eventual drivers of the robot. Plus, we have an AutoCAD Inventor team and an AutoCAD animations team. The AutoCAD inventor team builds the robot on the computer using the Autodesk program, so that we may see contradictions in the physical world before we realize that we have made a mistake and waste materials and time. As for the animation team, they work on the safety animation and make the cute computer mascots. And EVERYONE is on the Safety Team because in FIRST robotics, safety comes first. Furthermore, we have captains and elected officers that have specific jobs and lead their respective teams. For every team, there is one captain, and as a whole, we have the standard elected officers: President, Vice President, etc. It is only because all of these mini-teams mesh together that we can form Team Combustion as we know it. We do everything in our ability to be the epitome of gracious professionalism, and we will never stop “burning.”

