

THE NUTS AND BOLTS OF TECHHOUNDS



UPCOMING EVENT DATES

KICK-OFF

CARMEL HIGH SCHOOL
JANUARY 3, 2015

FIRST INDIANA DISTRICT EVENT

LAWRENCE NORTH HIGH SCHOOL
FEBRUARY 27 - MARCH 1

SECOND INDIANA DISTRICT EVENT

FRANCE A. CORDOVA RECREATIONAL
SPORTS CENTER AT PURDUE
MARCH 19 - MARCH 21

INDIANA DISTRICT CHAMPION- SHIP

WARREN CENTRAL HIGH SCHOOL
APRIL 2-APRIL 4.

CAGE MATCH

On October 18th, the TechHOUNDS returned to Southport High School to compete in the off season competition CAGE Match. The 2014 game, "Aerial Assist," was played by 28 teams with a few minor rule changes concerning fouls and zones. Team 868 ranked well throughout the day thanks to the performances of the drive team (Mr. Bonewit as Drive Coach, Aryaman Gupta as Driver, Vincent Mai as Operator, and Zack Simpson as Human Player). We were picked by the second seed alliance captain, Team 3494, along with Team 3940 to play in the Elimination rounds. After some intense matches, we made it to finals where Team 1024, Team 1646, and Team 1741 narrowly beat us. It was a great learning experience for the new drive team and an opportunity for rookie members to experience a robotics competition.

IN THIS ISSUE

CAGE MATCH	PG. 1
CHANGING OF THE GUARD	PG. 2
FALL FEST	PG. 2
DIVISION UPDATES	PG. 3
SPONSORS	PG. 4

LAST PRESEASON
MEETING IS ON
DECEMBER 4

QUOTE OF THE WEEK

BE DIFFERENT. ROBOTICS ISN'T FOR THE ORDINARY, IT'S FOR THE BEST OF THE BEST. PUSH YOURSELF TO THE LIMITS BECAUSE THAT'S WHAT YOU'RE HERE FOR.

ARYAMAN GUPTA

FALL FEST

The TechHOUNDS were invited to participate in the Carmel Mayor Youth Council's Second Annual "Pumpkin Fest" Fall Festival as a result of having the most popular booth during the 2013 Fall Fest. Saturday, October 25th, Team 868 brought back the "Man vs. Robot" basketball shootout game in which festival goers paid one dollar to compete against our 2012 robot, Boomer. The challenger and Boomer had 30 seconds to shoot as many baskets



as possible- the winner being the one who scored the most points. Once again, we were the most popular successful booth of the festival. We donated our profits to the Festival's chosen charity: the college funds of underprivileged children in the Carmel area.

CHANGING OF THE GUARDS

THE NEXT GENERATION OF TECHHOUNDS

When one door closes, another one opens. At the beginning of the 2014-2015 school year, the ETE (Engineering and Technology Education) Department was missing a key TechHOUNDS mentor. From August to mid-October, the TechHOUNDS had a tri-team of faculty leads; after fall break, Mr. Zac Bonewit stepped up to the role of lead faculty mentor. When asked for his thoughts on this pre-season, he said:



"WE HAVE A LOT OF MOVING PARTS BEING INCORPORATED THIS SEASON, BUT WE HAVE A SOLID FOUNDATION WITH EXPERIENCED MENTORS AND STRONG STUDENT LEADERSHIP THROUGHOUT THE TEAM. WITH THE BIG SHOES LEFT EMPTY FROM LAST SEASON'S GRADUATES, I AM LOOKING FOWARD TO WATCHING THIS SEASON'S MEMBERS GROW AND FILL THOSE SHOES WHILE MAKING THEIR OWN MAKRS ON THE TEAM."

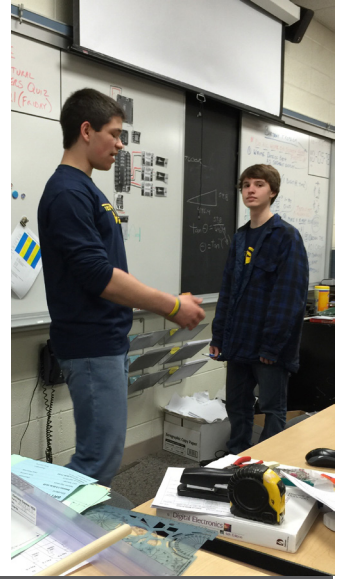
ROBOT OPS

Robot Ops have trained new members and given members a hands-on practice with the main equipment. Going forward, they will be having a small sample of what's to come in January and get acquainted with other division members.



ELECTRICAL

Electrical has taught new members the basics of electrical components on the robot and practices skills such as crimping, stripping, and soldering. Going forward, they will be practicing these skills by wiring a robot for practice.



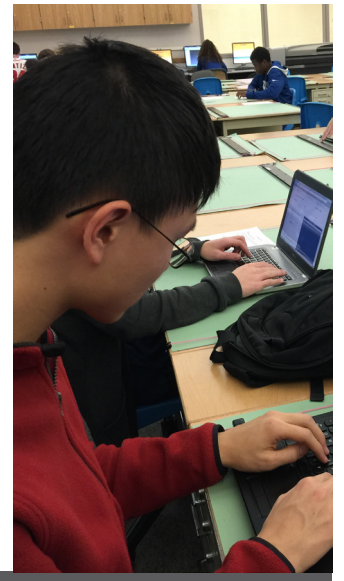
PROGRAMMING

Programming has taught new members the basics of coding, while veteran members worked on robot code. They hope that by the end up the pre-season, everyone will be able to read, write and understand code and will be able to work on code for not only the robot, but independent programs.



IT

IT has been teaching new members how to use HTML, CSS, and version control. Everyone is busy getting acquainted with working with GitHub and web languages. They are doing so by creating a group website with homepages for each member.



CONSTRUCTION

Construction has trained members with tools, done building exercises, and brainstormed ideas for a new battery box. Two subgroups in the division are fixing the current battery box while two are working on basketball hoops for Pumpkin Fest.



PR

PR members brainstormed ideas for the newsletter you're reading right now. In addition, they created merchandise designs and began learning Photoshop, Illustrator and InDesign. After distributing the newsletter, we will focus on redesigning the pit banners and begin planning for build season merchandise. After distributing the newsletter, we will focus on redesigning the pit banners and begin planning for build season merchandise.



We would like to thank our current 2014-2015 sponsors:

SIGNATURE

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DANIEL F. AND ELLEN FRANCES MORIATY
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