



TEAM 3176

Parents Meeting – Pre-Competition
27 February 2017

Agenda



- Build Season Summary
- Competition Season Schedules
- Food Arrangements
- Financial Update
- Forms / Registration
- Chairman's Award Video
- Questions & Answers
- Pick up t-shirts / Robot Demo in D104

Season Highlights (so far...)



- ***By the Numbers***

- 15 off-season mtgs / *LOTS* of Build Season mtgs
- 6 Mini Lectures on various technical topics
- 59 Active Members
- 7 Varsity Activity Letters awarded



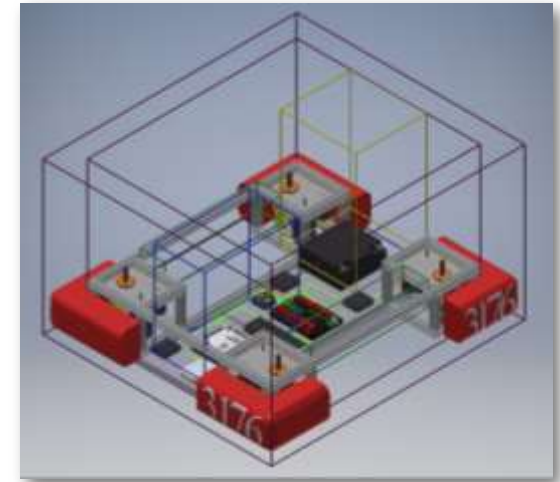
- ***Events***

- Cage Match – *lots of new drivers!*
- Cardinal Engr Night & Science Night – *sharing STEM*
- Training – *hands-on tools, learning the sub-teams*
 - Visits to *Waterjet Cutting of Indiana* and *Roark*



Build Season Firsts!

- Use CAD before fabrication & assembly
 - Modular design with “space claims”
- **Swerve** drive –complex drive system
- Investment in *re-usable* components
 - **84%** of Robot Hardware / Inventory budget is usable on future robots
- Building TWO robots
 - Test out design concepts on “practice” robot
 - Refine for “competition” robot
 - Allows for more hands-on experience & driver practice





Competition Schedule

District Competitions (2 of 3)

✔ **March 4-5 (Harrison HS, West Lafayette)**

March 11-12 (Penn HS, Mishawaka)

✔ **March 24-25 (Perry Meridian HS, Indpls)**

Indiana State Championship

April 7-8 (Huntington North HS)

- Need to qualify to compete (Top 24)
- *Events are all free to the public!*
- *Competitions are usually streamed*





Field Trip Guidelines

General Rules

- Please remember BHS Code of Conduct still applies, and please represent Team 3176 professionally.
- Try to stay in groups of 3 or more if leaving the stands.
- If students have any issues, please find one of the club co-sponsors or other adult mentor.

Parking!!! – Due to BHS construction starting, DO NOT park by Door 7. Students should use their regular lots.

Tippecanoe Event Schedule



- **March 4 & 5 (Harrison HS, West Lafayette)**
- <http://www.indianafirst.org/2017-tippecanoe-event>

Saturday, March 4

6:30 AM – Students arrive at BHS

8:00 AM - 10:30 AM Pits Open & Practice

10:30 AM - 11:00 AM Opening Ceremonies

11:00 AM - 1:00 PM Qualification Matches

1:00 PM - 2:00 PM Lunch Break

2:00 PM - 7:00 PM Qualification Matches

8:00 PM Pits Close

9:00 PM – Approx. Return to BHS

Sunday, March 5

6:30 AM – Students arrive at BHS

8:00 AM Pits Open

9:00 AM - 9:30 AM Opening Ceremonies

9:30 AM - 12:30 PM Qual Matches

12:30 PM - 1:00 PM Alliance Selections

1:00 PM - 2:00 PM Lunch Break

2:00 PM - 5:00 PM Final Rounds

5:00 PM - 6:30 PM Awards Ceremony

7:00 PM Pits Close

8:00 PM – Approx. Return to BHS

Perry Meridian Event Schedule



- **March 24 & 25 (Perry Meridian HS, Indpls)**
- <http://www.indianafirst.org/2017-perry-meridian>

Friday, March 24

6:50 AM – Students arrive at BHS

8:00 AM - 10:30 AM Pits Open & Practice

10:30 AM - 11:00 AM Opening Ceremonies

11:00 AM - 1:00 PM Qualification Matches

1:00 PM - 2:00 PM Lunch Break

2:00 PM - 7:00 PM Qualification Matches

8:00 PM Pits Close

8:45 PM – Approx. Return to BHS

Saturday, March 25

6:50 AM – Students arrive at BHS

8:00 AM Pits Open

9:00 AM - 9:30 AM Opening Ceremonies

9:30 AM - 12:30 PM Qual Matches

12:30 PM - 1:00 PM Alliance Selections

1:00 PM - 2:00 PM Lunch Break

2:00 PM - 5:00 PM Final Rounds

5:00 PM - 6:30 PM Awards Ceremony

7:00 PM Pits Close

7:45 PM – Approx. Return to BHS



State Championship Event

- **April 7 & 8 (Huntington North HS)**
- <http://www.indianafirst.org/2017-indiana-state-championship>
- **Team would need to qualify for State Championship**
- We have in 2015 & 2016 – Top 24 robots in the state (out of ~50)
- Requires missing Friday school day
- **Planning for over-night stay on April 7**
- Rooms currently reserved at Holiday Inn Express (~20 minutes away)
 - This expense was **not** been included in student fees
- Also considering bussing back to Brownsburg (~2 hr bus ride)



Food Arrangements

- We will be serving lunch and dinner to students (~60) and mentors (~15) on Saturday March 4 and Sunday March 5.
- We would like all donations to be turned in **6:30 pm - 9:00 pm on Thursday, March 2**
- Food Donations
- <http://www.signupgenius.com/go/20f0b4daaae22a1fd0-steamworks>
- Volunteers to serve/clean-up
- <http://www.signupgenius.com/go/20f0b4daaae22a1fd0-steamworks1>

Sponsor Recognition



GOLD			
SILVER			
BRONZE			

Thank you
to Parents &
Sponsors!

Budget Status



Income	Budget	Actual
Student Fees	\$10,800	\$11,785
Corporate Sponsors	\$9,000	\$11,550
Donations	\$2,000	\$550
Foodie	\$500	\$190
Total	\$22,300	\$24,075

Expenses	Budget	Actual	Remaining
Match Registration	\$9,250	\$5,250	\$4,000
Transportation	\$5,000	\$0	\$5,000
Robot	\$4,000	\$4,213	(\$213)
Marketing	\$1,500	\$490	\$1,010
Tshirts	\$1,300	\$1,071	\$229
Inventory/Tools	\$1,000	\$876	\$124
Website	\$250	\$0	\$250
Total	\$22,300		

Robot H/W & Inventory

- 84% is re-usable,
- 11% is consumables, and
- 6% shipping & handling



Forms, Forms, Forms...

- For students to attend the competition events, they will have needed to complete:
 - **BHS Field Trip form**
 - **IndianaFIRST Consent / Release form**
 - **Registered on-line with FIRST**
 - Parent account if under 18
 - <https://my.firstinspires.org/stims/Login.aspx>



- Forms are available on the team website and we have extra forms here tonight!



Chairman's Award Submission

- The most prestigious award at FIRST, it honors the team that best represents a model for other teams to emulate and best embodies the purpose and goals of FIRST
- Team 3176 has submitted a written application for the Chairman's Award and will be presenting at the upcoming competitions. This includes a short [video](#) highlighting the team

Contact Info

E-mail: Team3176@brownsburg.k12.in.us

Team Website

<http://team3176purpleprecision.weebly.com/>

Remind Code

@frc3176

Twitter

@Team3176 @IndianaFIRST

Club Co-Sponsors

Nathan Heidegger & Dawn Mayer



Thank you!

