



TEAM 3176

Parents Meeting – Pre-Competition
26 February 2019

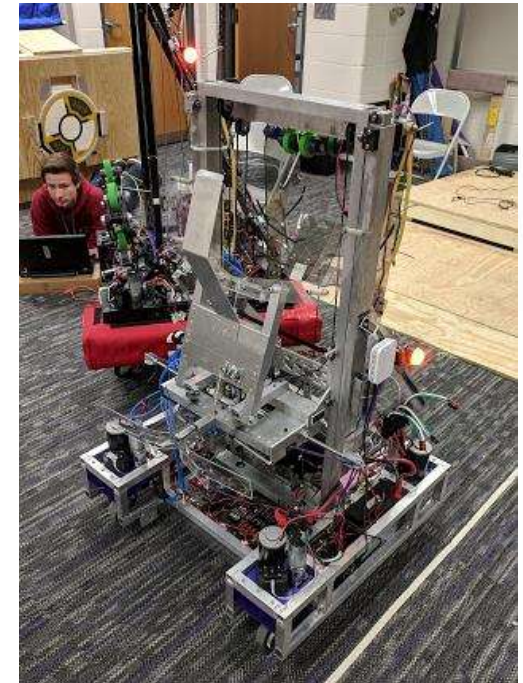
Agenda

- Build Season Summary
- Competition Season Schedules
- Financial Update
- Forms / Registration
- White Papers
- Questions & Answers
- Robot shop tour (*informal*)



Build Season

- Video summaries published weekly
 - Safety Animation & Digital Animation submissions
- Even more use of *CAD before fab & assy*
 - Design interations before CNC cutting metal / Lexan
 - Improved in multi-user assemblies
- Swerve drive **v3.0!** – complex drive system
- Investment in *re-usable* components
 - Most of Robot Hardware / Inventory budget is usable on future robots (e.g., RoboRio, Neo motors, controllers, gears, pneumatics)
 - Invested in Tools / Safety / Shop organization
- Building **TWO** robots
 - Test out design concepts on “practice” robot
 - Refine for “competition” robot



Competition Schedule

District Competitions (2 of 3)

- ✔ 9-10 March (Penn HS, Mishawaka)
23-24 March (Jefferson HS, W. Lafayette)
- ✔ 29-30 March (Center Grove HS)

Indiana State Championship

- 12-13 April (Kokomo Memorial Gym)
 - Top 32 qualify to compete

- *Events FREE to the public!*
- *Competitions streamed*



Field Trip Guidelines



General Rules

- Please remember BHS Code of Conduct and Team 3176 Student Handbook still apply, and please represent Team 3176 professionally
- These can be LONG days - stay in groups of 3 or more if you need to leave the stands briefly
- If students have any issues, please find one of the club co-sponsors or other adult mentor

Travel Logistics



Getting to / from Penn High School

- BCSC school bus leaving early Saturday morning
 - Some students (~4) will go up Friday afternoon (drive / pit)
- Returning late Sunday evening

Hotel

- Holiday Inn Express – Elkhart South
- 4 students / room – Rooms have been assigned
- 2 adults / room
- Not a lot of time will be spent at the hotel

St. Joseph Event Schedule



- **March 9 & 10 (Penn HS, Mishawaka, IN)**

Saturday, March 9

4:50 AM – Students arrive at BWMS

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

8:30 PM – Team Dinner

9:30 PM – Arrive at Hotel

~10:15PM – Lights Out

Sunday, March 10

~6:00 AM – Wake Up / Breakfast

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 Playoff Rounds

5:00 PM - 6:30 PM Awards Ceremony

7:00 PM Pits Close

~10:00 PM – Approx. Return to BWMS



Tippecanoe Event Schedule

- **March 29 & 30 (Center Grove HS)**



Friday, March 29

~6:30 AM – Students arrive at BWMS

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 BWMS

Saturday, March 30

6:30 AM – Students arrive at BWMS

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 Play-off Rounds

5:00 PM - 6:30 PM Awards Ceremony

7:00 PM Pits Close

8:00 PM – Approx. Return to BWMS



State Championship Event



- **April 12 & 13 (Kokomo Memorial Gym)**
- **Team would need to qualify for State Championship**
- We have in 2015, 2016, 2017 (barely) & 2018
 - Top 32 robots in the state (out of ~50)
- Requires missing Friday school day

Food Arrangements



- Lunches will be coordinated by the team this season
 - Team has grown to make volunteer food too complex
 - Worked very well last season
- Concessions will also be available throughout the day for spectators
- Students should pack snacks as needed

- St. Joseph trip specifics
 - Early long bus ride – students may want to pack addl food
 - Dinner will be at fast-food restaurants
 - Breakfast will be provided at hotel

Team Uniforms

- Last year the team established a team uniform that can be used for all the years a student is on the team
- More durable shirt than standard T-shirt
- Recommend wear T-shirt under uniform
- All students received two shirts for the 2-day competitions
- Students will need to take care of the jerseys or purchase a new one



Budget Status

Income	Budget	Actual	<i>Difference</i>
Student Fees	\$13,000	\$11,375	(\$1,625)
Corporate Sponsors	\$14,000	\$18,045	\$4,045
Donations	\$1,500	\$0	(\$1,500)
Foodie	\$250	\$0	(\$250)
Online Store	\$100	\$0	(\$100)
Total	\$28,850	\$29,420	\$570

Expenses	Budget	Actual	<i>Difference</i>
Match Registration	\$9,350	\$5,350	\$4,000
Transportation	\$10,000	\$1,699	\$8,301
Robot	\$3,500	\$2,971	\$529
Marketing	\$800	\$710	\$90
Team Uniform	\$500	\$1,054	(\$554)
Inventory/Tools	\$4,500	\$4,359	\$141
Website	\$200	\$204	(\$4)
Total	\$28,850	\$16,347	\$12,503

Capital Invest	\$4,000	\$3,078
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- Sponsorship visits paid off – expanded sponsor base
- Income already in, expense still to come
- Reinvesting in the team – CNC, new drills, extra RoboRio, etc.
- Overall, the team is in a very solid financial state

Thank you to our sponsors!



TEAM 3176 PURPLE PRECISION

Travel Requirements



- For students to attend the competition events, they will have needed to complete:
 - **Handbook forms (incl Field trip form)**
 - **Registered on-line with *FIRST***
 - Parent account if under 18
 - **Indiana *FIRST* Consent / Release form**
 - **Two (2) team white papers**
 - **Financial Sponsor visit**
 - **Academic eligibility**

Contact Info

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

Team Website

<http://team3176.com/>

Remind Code

@frc3176

Twitter

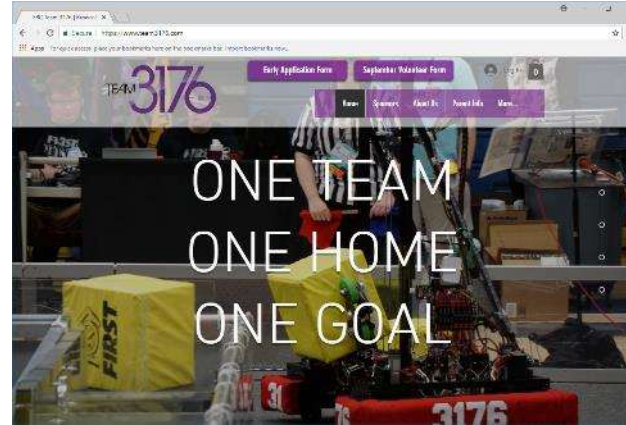
@Team3176 @IndianaFIRST

YouTube

<https://www.youtube.com/user/Team3176>

Club Co-Sponsors

Nathan Heidegger & Dawn Mayer



Thank you!

TEAM 3176

P U R P L E P R E C I S I O N