
Pirate Robotics

FRC 6032

wcrobotics.org



Parent Meeting
November 6, 2019



6032



Introductions

Michael Neal, Adviser mneal@wcsd.k12.oh.us

Emily McGuff, Adviser emcguff@wcsd.k12.oh.us

Sarah Reynolds, Advsier sreynolds@wcsd.k12.oh.us

Valued Volunteer Mentors

Bruce Fourman, ESI

Joe Neyhart, SAS Automation, joining us from team 279

Jake Townsend, Dayton Progress

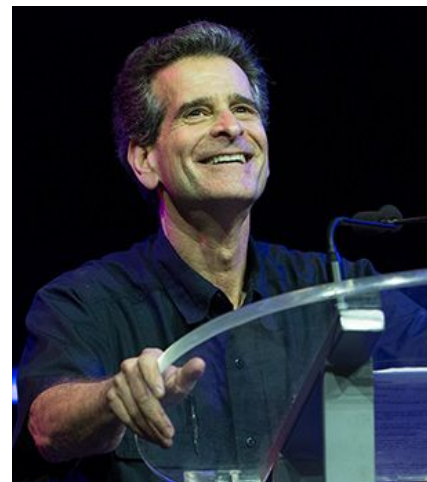
And many more!



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FIRST Overview

For the
Inspiration and
Recognition of
Science and
Technology



Founded in 1989 by
Dean Kamen

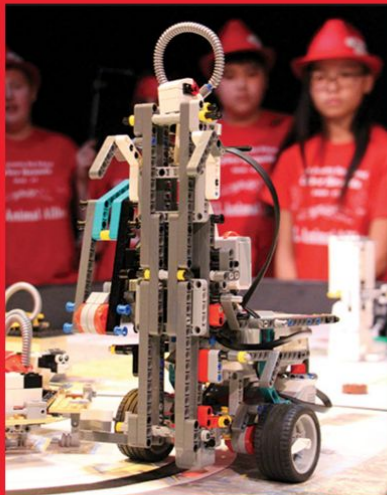
FIRST® LEGO® LEAGUE JR.



GRADES

K-4

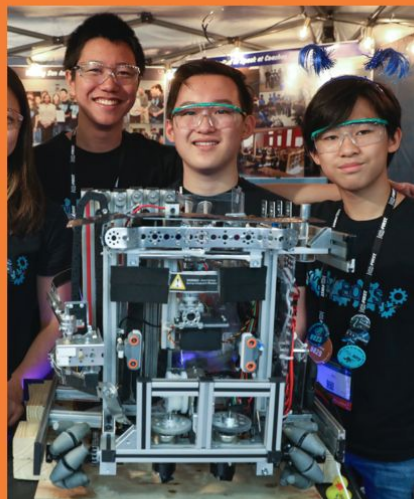
FIRST® LEGO® LEAGUE



GRADES

4-8

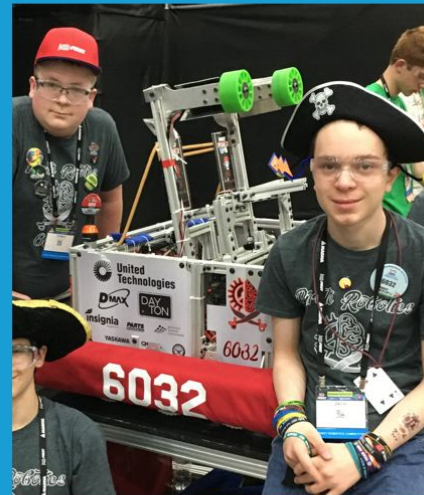
FIRST® TECH CHALLENGE



GRADES

7-12

FIRST® ROBOTICS COMPETITION



GRADES

9-12

515K+

Students on 59K teams

255K

Mentor, coach, judge &
volunteer roles

19M

Volunteer hours

\$80M+

scholarship opportunities
from nearly 200 providers

2,900+

official events
in 83 countries

65K+

participants at annual
FIRST[®] Championship



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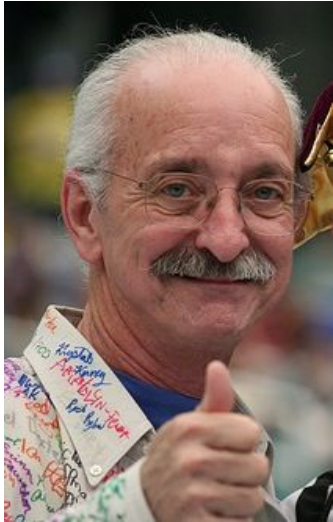
Gracious Professionalism

Gracious people respect others and let that respect show in their actions.

Professionals possess special knowledge and are trusted by society to use that knowledge responsibly.

Thus, gracious professionals, acting with integrity and sensitivity, make a valued contribution to society.

- Woody Flowers



Our Purpose

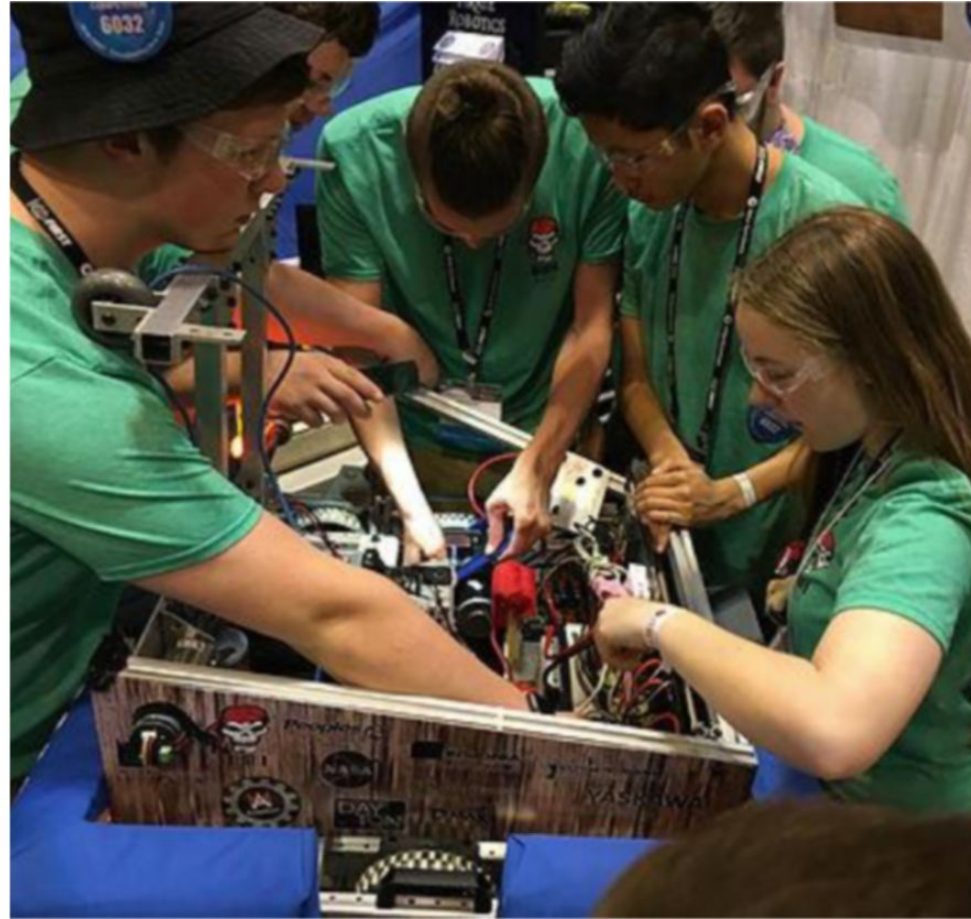
We're here to *inspire the next generation* of STEM leaders and creative problem solvers.

Our Vision

We will *build an inclusive team* by valuing diversity, doing the right thing, and treating everyone with kindness, fairness, and respect.

Our Mission

We *spread the values of FIRST* by providing our community with high-impact STEM experiences.





Team 6032 Highlights

wcrobotics.org

This is our 5th year

Attended *FIRST* Championships 3 of past 4 years

2019: Finalists, Miami Valley Regional, Attended Champs

2018: Winners, Greater Pittsburgh Regional, Attended Champs

2017: Team Spirit Award at Miami Valley Regional

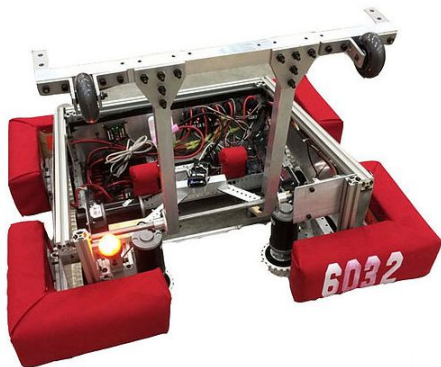
2016: Rookie All Star Award, Highest Rookie Seed Award,
Attended Champs

Full history and stats available at www.thebluealliance.com

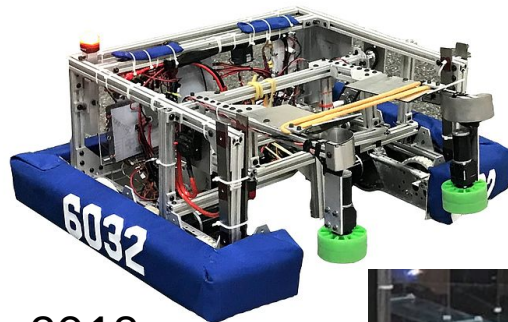


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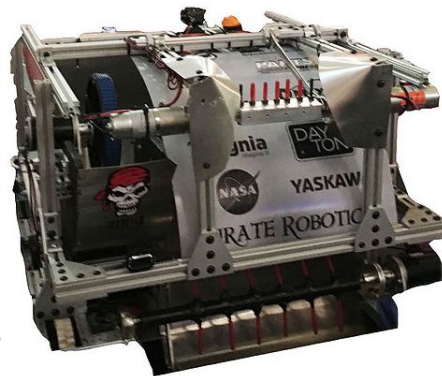
Our Robots



2016



2018



2017



2019



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**INFINITE
RECHARGE**



Schedule Overview

Sept - Dec: Fundraising, Team Organization, Training, Prep
Required Marketing meetings began Nov 4

January 4: Kickoff (Game Reveal)

Jan - Feb: Design / Build / Program / Test / Practice

Feb - March: Compete in **2 Regional Competitions**

April: World Championships (if we qualify)



Schedule & Handbook

Available online: www.wcrobotics.org, click Forms

90% attendance required for travel eligibility

Marketing: official meetings began Monday

Build/Prog: official meetings begin after Kickoff (Jan 4)

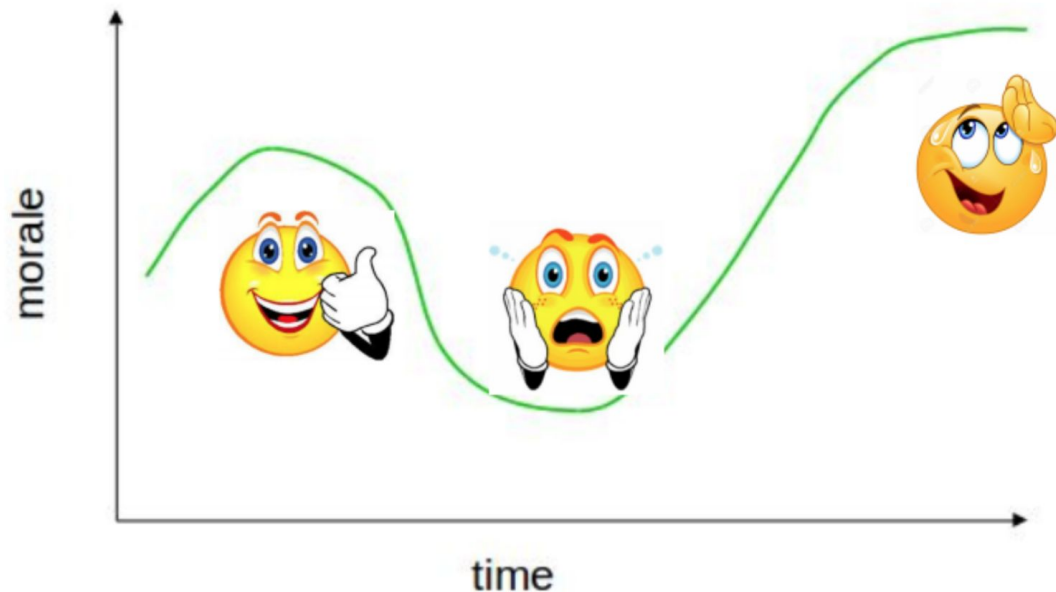
Please sign and return Handbook and Safety form ASAP

Why do we have 2 schedules?



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Build Season



Build season is stressful!

~7 weeks from Kickoff to our 1st event.

Grades & school come first.

The season moves quickly.
Attendance is required!



Student Expectations

GPA at least 2.0 (C- average) AND no F's

Suspended? No travel for next competition

90% attendance required, doctors note if absent

Positive attitude, Gracious Professionalism

More details in Handbook!



Student Expectations, continued

Shop Training & Tool Use:

Not allowed to use tools until safety training is complete
Safety is paramount!

Clean up before end of each session (Clean Space = Safe Space)

Varsity Lettering Requirements:

Member of good standing for two years
See handbook for more details



Student Expectations, continued

Keep up with team communication!

Remind (text updates)



Basecamp (project management)



Discord (team chat)





- Team Captain

- Head of Engineering
 - CAD Designers
 - Builders
 - Programmers

- Head of Public Relations & Marketing
 - Outreach Coordinators
 - Awards Coordinators
 - Judging Spokespersons
 - Web Designer
 - Videographer
 - Social Media Specialists
 - Pit Designers

- Head of Scouting & Program Management
 - Scouters & Strategists
 - Safety Captain
 - Facilities Manager (Shop manager, Pit leader, Crate, ...)

Student Roles

- Drive Team

- Driver
- Operator
- Drive Coach
- Human Player
- Technician



*Thank you for
supporting our
team!*

Parent Expectations

Enroll your student on the team at www.firstinspires.org

Lunches during build season - signupgenius.com

Assist with fundraisers

Assist with outreach events

Donate general supplies (snacks, water, etc.)

Possibly carpool for Miami Valley Regional



Financial Summary

Minimum Budget = \$20,000

\$5,000 registration for 1st competition

\$4,000 registration for 2nd competition

\$5,000 robot parts, tools

\$5,500 hotel and bus to 2nd competition

\$500 marketing materials, banners with sponsor logos, ...

World Championships adds about \$12,000 to that total

\$5,000 registration, \$7,000 hotel and bus



Financial Summary

Minimum Budget = \$20,000

Currently, our financial outlook is “positive.”

We have brought in ~\$21,000 this year with grants, sponsorships, and fundraisers.

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**Receive Remind
Updates!**

text

@wchsrobot

to

81010

Parents, please do the following:

- ☑ Sign up at www.firstinspires.org
Parent creates account, enrolls student on team 6032
Accept Consent & Release form
(Look for the **Youth Options** button)
- ☑ Sign & Return the yellow Handbook & Safety form (2 sides)
- ☑ Sign up to help with team lunches
- ☑ Stay tuned for future email updates