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# FIRST Tech Challenge August Coaches Corner

Trisha Thompson

Program Manager | FIRST Indiana Robotics

Adapted from material developed by Louis Rubbo, FIRST Nevada

# Agenda

- 1. Introduction to FIN, FIN Staff & FIRST Senior Mentors
- Season Schedule
- 3. FIN Resources for Coaches
- 4. FIRST Resources for Coaches
- 5. Recruiting Best Practices
- 6. Practice Schedule Suggestions
- 7. Questions







**Chris Osborne** *Vice President of Programs* 

**Trisha Thompson** *FLL & FTC Program Manager* 

Ashley Robbins
President

**Dan Leathers** *Operations* 







#### **FIRST Senior Mentors**



Lori Langley



**Kyle Heaton** 

#### What do FIRST Senior Mentors do?

- Raise awareness about FIRST programs and events in their local community
- Support coaches, mentors, and volunteers
- Provide technical and non-technical support to FIRST teams
- Recruit rookie teams
- Help strengthen existing teams and enable year-to-year growth





# FIRST® Core Values



#### **DISCOVERY**

We explore new skills and ideas.

#### **INNOVATION**

We use creativity and persistence to solve problems.

#### IMPACT

We apply what we learn to improve our world.

#### **TEAMWORK**

We are stronger when we work together.

#### **INCLUSION**

We respect each other and embrace our differences.

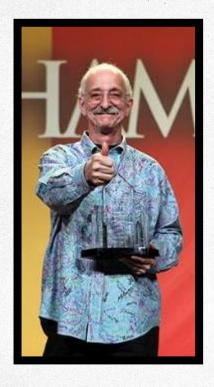
#### **FUN**

We enjoy and celebrate what we do!





#### **Gracious Professionalism**



Gracious Professionalism®

<u>Dr. Woodie Flowers</u>, (1943 - 2019) EAB Chair Emeritus & Distinguished Advisor, coined the term "*Gracious Professionalism*®."

*Gracious Professionalism* is part of the ethos of *FIRST*. It's a way of doing things that encourages high-quality work, emphasizes the value of others, and respects individuals and the community.

With *Gracious Professionalism*, fierce competition and mutual gain are not separate notions. Gracious professionals learn and compete like crazy but treat one another with respect and kindness in the process. They avoid treating anyone like losers. No chest thumping tough talk, but no sticky-sweet platitudes either. Knowledge, competition, and empathy are comfortably blended.

In the long run, *Gracious Professionalism* is part of pursuing a meaningful life. One can add to society and enjoy the satisfaction of knowing one has acted with integrity and sensitivity.





#### Coopertition

Coopertition®

Coopertition® produces innovation. At FIRST, Coopertition is displaying unqualified kindness and respect in the face of fierce competition. Coopertition is founded on the concept and a philosophy that teams can and should help and cooperate with each other even as they compete.

Coopertition involves learning from teammates. It is teaching teammates. It is learning from Mentors. And it is managing and being managed. Coopertition means competing always, but assisting and enabling others when you can.





#### FIRST and FIRST Indiana Robotics







Delivery of annual challenges

FIRST Indiana Robotics (FIN) is a FIRST Partner Organization which means we exclusively deliver all FIRST programs in Indiana. FIRST and FIN are separate, federally recognized 501(c)(3) non-profit organizations.





#### **Administrative Tasks: Consent & Release**







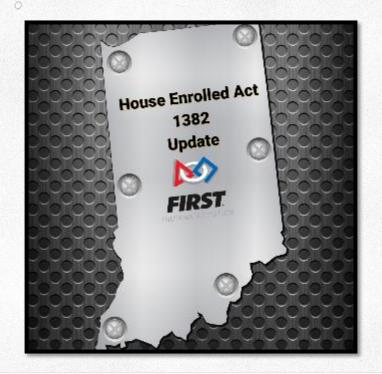
Delivery of annual challenges

The *FIRST* programs are made available to teams because of an agreement between the two separate non-profit entities. In the past, because there are two non-profits involved, any participant in the *FIRST* programs needed to complete two different Consent & Release forms. Not anymore!





### **HEA 1382**







#### **Event Schedule**



September 9 – CENTERSTAGE Season Launch

**Event Preferencing: October TBD** 

October 21 - Purdue Forums

Qualifying Tournaments – December, January, February

March 9 – Indiana State Championship, The University of Indianapolis

April 16-20 – World Championship, Houston, Texas





#### **Kickoff!**

11:00 am - Doors Open

11:30 am - Giveaways

12:00 pm - Game Reveal Video, Field

Examination







#### **FIN Resources for Coaches**

FIN Website: www.firstindianarobotics.org

- Calendar
- Blog
- Event Pages

#### FIN Social Media

- Facebook: <a href="https://www.facebook.com/FIRSTINRobotics">https://www.facebook.com/FIRSTINRobotics</a>
- Instagram: <a href="https://www.instagram.com/firstinrobotics/">https://www.instagram.com/firstinrobotics/</a>
- Twitch: (event livestreams, when available) <a href="https://www.twitch.tv/firstinrobotics">https://www.twitch.tv/firstinrobotics</a>
- Flickr: <a href="https://www.flickr.com/photos/indianafirst/albums">https://www.flickr.com/photos/indianafirst/albums</a>

FIN Playbook <a href="https://playbook.firstindianarobotics.org/">https://playbook.firstindianarobotics.org/</a>

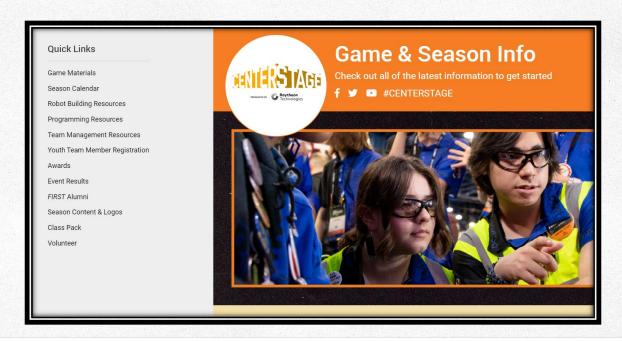






#### FIRST Resources for Coaches: Game & Season Info

https://www.firstinspires.org/robotics/ftc/game-and-season

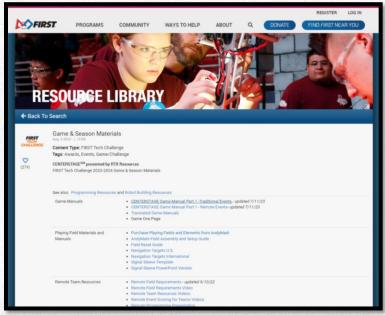


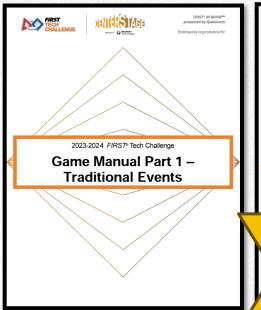


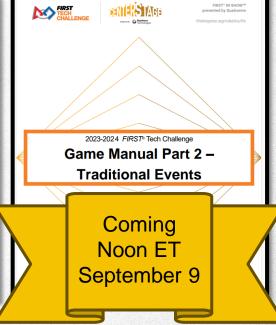


#### FIRST Resources for Coaches: Game & Season Materials

https://www.firstinspires.org/resource-library/ftc/game-and-season-info





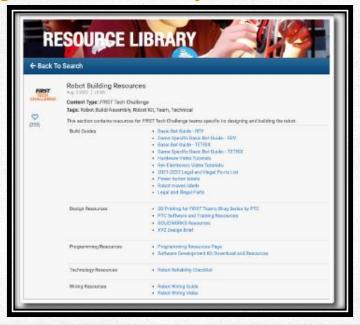






# FIRST Resources for Coaches: Robot Building Resources

www.firstinspires.org/resource-library/ftc/robot-building-resources

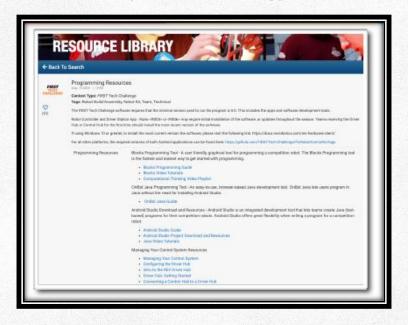






#### FIRST Resources for Coaches: Programming Resources

www.firstinspires.org/resource-library/ftc/technology-information-and-resources

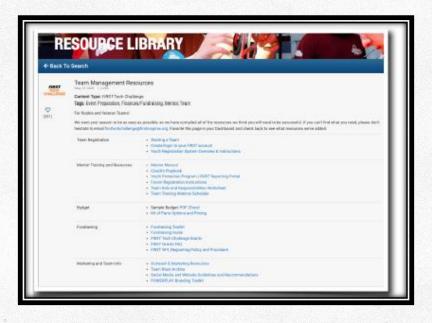






#### FIRST Resources for Coaches: Team Management Resources

www.firstinspires.org/node/5226

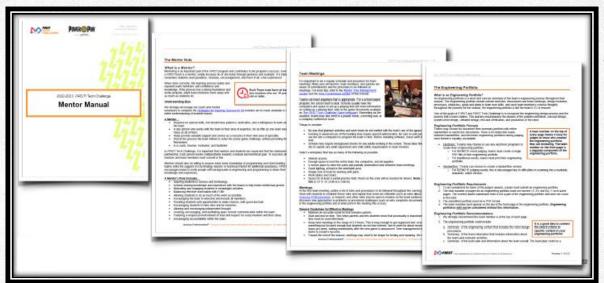






# FIRST Tech Challenge: Mentor Manual

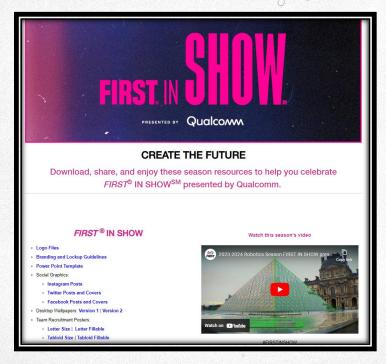
https://www.firstinspires.org/sites/default/files/uploads/resource\_library/ftc/mentor-manual.pdf







# FIRST Tech Challenge: Recruiting Basics



- An FTC team can have up to 15 members in grades 7-12
- How members are selected is up to the coaches
- ☐ Teams can be composed of students at multiple schools
- Teams do not have to be affiliated with a school
- ☐ FIRST provides editable recruitment materials at <a href="https://info.firstinspires.org/free-season-content">https://info.firstinspires.org/free-season-content</a>





# FIRST Tech Challenge: Recruiting Basics

- ☐ Recruitment starts with awareness
- ☐ Club recruitment days
- School events
- ☐ Present to STEM classes
- Posters and flyers
- ☐ Community outreach
- Open team meetings







# FIRST Tech Challenge: Meeting Tips

- ☐ A set, consistent meeting schedule is recommended.
- ☐ Veteran teams often meet for about 4 hours/week.
- ☐ Setting attendance expectations is highly recommended







# **Questions?**





