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Pennsylvania SKYSTONE Season Kickoff

PRESENTED BY Qualcomm

FIRST TECH CHALLENGE

FIRST RISE THE FORCE IS BUILDING POWERED BY STAR WARS FORCE FOR CHANGE

Kickoffs Across Pennsylvania

SKYSTONE
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- McKeesport Area High School
  McKeesport, PA
- York Country Day School
  York, PA
- Penn State Great Valley
  Malvern, PA
- Temple University
  Philadelphia, PA

Over 70 New and Veteran Pennsylvania FTC Teams Participating Today!

Welcome!

Agenda

- Pennsylvania FIRST Tech Challenge Season Schedule
  - Coaches Calls
  - *Team Powered!* Workshops and Scrimmages for You by You
  - Blocks Programming Webinars
  - Qualifiers
  - Pennsylvania FTC Championship
- Consent and Release Forms
- Slack Workspace
- FTC Team Resources
- Game Manual 1 Updates
- Game Reveal!

Pennsylvania FTC Season Schedule

http://www.ftcpenn.org/ftc-events/2019-2020-season

Full lineup of Workshops, Scrimmages and Qualifiers

FIRST Pennsylvania FIRST T

Home | Event Registration | FTC Events | Teams | Photos | Email Archive

2019-2020 Season

The 2019-2020 game is called SKYST in September.

See http://www.firstinspires.org/resourc

Pennsylvania FIRST Tech Challenge E

Pennsylvania FIRST Tech Challenge events for the 2019-2020 season. Qu calendar of events contains Pennsylvania FIRST Robotics managed event listed below are Pennsylvania FIRST Robotics managed events.

Advance registration using our Event Registration system is required to pa

- Registration for Kickoffs and Coaches Calls is requested for plannin
- Registration for Workshops closes 1 week before the event date.
- Registration for Scrimmages closes 1 week before the event date. C
- Registration for Qualifiers closes 2 weeks before the event date. Op
- The registration deadline for Championship is 1 week after your tear

Minors attending or participating in any of these events must by accompan

Registration for all scheduled events except for Qualifiers

Registration for Qualifiers opens late afternoon Sept 7, 20

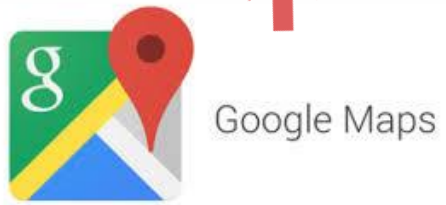
Add an event to your calendar - click on the iCal link to download an iCalendar file, then open it and save it in your mobile or desktop calendar program.

December 2019

Sunday Dec 1 iCal	Qualifying Tournament	Conestoga Qualifier	Lancaster Country Day School Gymnasium	725 Hamilton Road Lancaster, PA 17603
Saturday Dec 7 iCal	Qualifying Tournament	West Central Pennsylvania Qualifier	University of Pittsburgh at Johnstown Wellness Center G-3 on Campus Map	450 Schoolhouse Rd Johnstown, PA 15094
Saturday Dec 14 iCal	Qualifying Tournament	Hat Tricks Qualifier Concurrent with Hatboro-Horsham PennFLL Qualifier	Hatboro-Horsham High School Gymnasium	899 Horsham Rd Horsham, PA 19044

Add Event to your Calendar

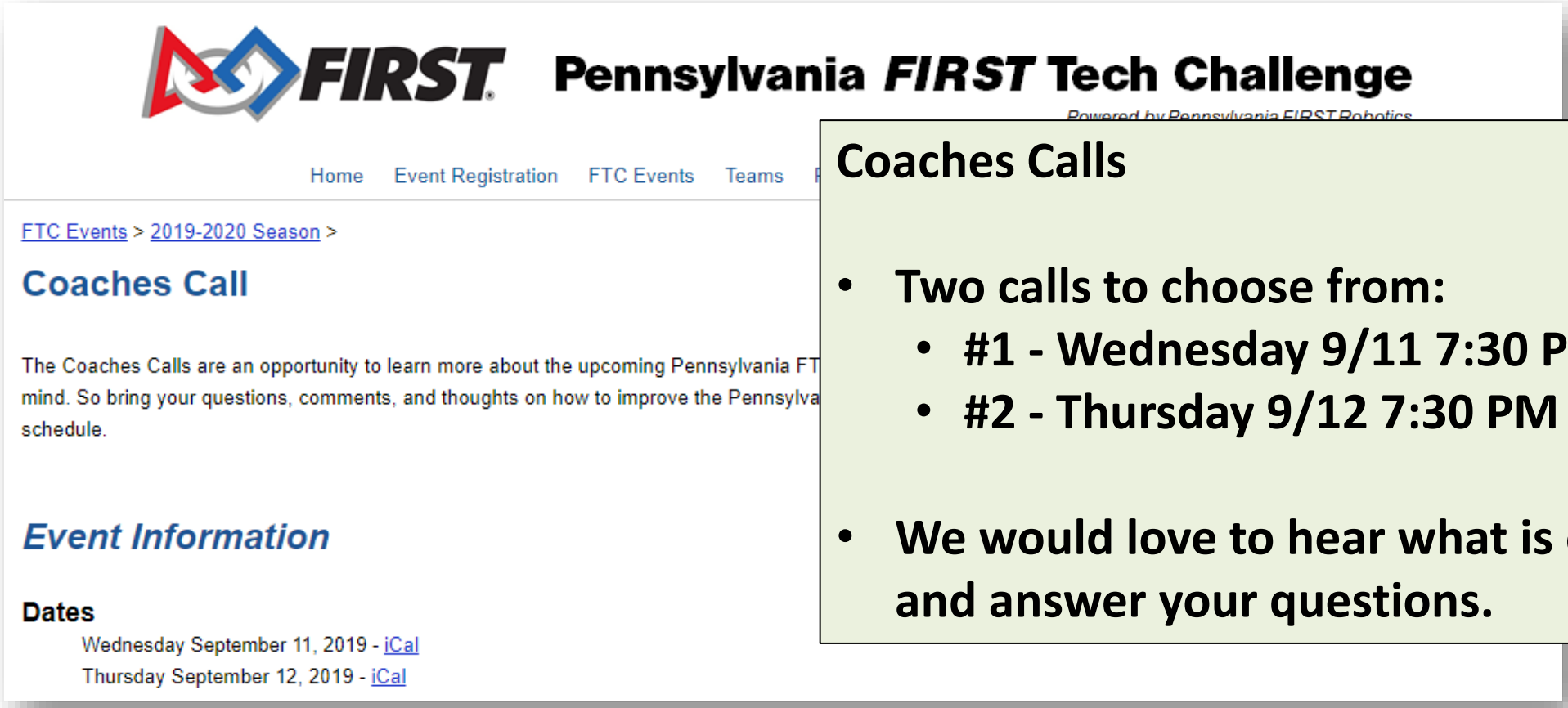
Full Event Details



Find your way

Coaches Call

http://www.ftcpenn.org/ftc-events/2019-2020-season/coaches-call



Coaches Calls

- Two calls to choose from:
  - #1 - Wednesday 9/11 7:30 PM
  - #2 - Thursday 9/12 7:30 PM
- We would love to hear what is on your mind and answer your questions.

Attend a Coaches Call next Week!

Team Powered! Events for You by You

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- ***Team Powered*** events are hosted and managed by Teams
  - Website and event registration support provided by Pennsylvania FIRST Robotics

- **Your support** makes the Pennsylvania FTC program a great success
  - All 7 PA FTC **Workshops** are ***Team Powered***
  - 4 of 5 PA FTC **Scrimmages** are ***Team Powered***

- **Participate in the Workshops and Scrimmages!**
  - New to FTC? Learn from those with experience
  - Veteran? Support the host and share your expertise

- ***Request****: We are looking for teams to host workshops in the Central and Western PA regions*

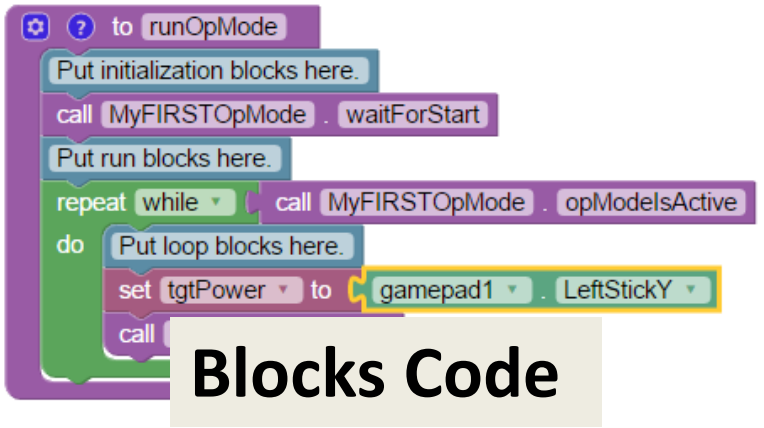
Thank You to all* Team Powered *Event Hosts!
Registration is Open Now

Blocks Programming Webinars

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

Blocks Programming Tool

- A graphical development tool
- Powered by Google's Blockly programming language
- No special software needed, only a browser



Blocks Programming Webinar Series

- Head FTA **Jim Rumbaugh** hosting again this season
- Designed to help rookie FTC teams get started with using BLOCKS to program the robot
- Also good for experienced teams who want to learn more about robot programming
  - Oct 13: Introduction & Simple Teleop
  - Oct 20: Autonomous Programming
  - Oct 27: Debugging Techniques
  - Nov 3: Using Sensors & Vuforia
  - Nov 10: Using Functions

Qualifiers

- Saturday Qualifiers
  - West Central, Hat Tricks, Southwestern, Philadelphia
- Sunday Qualifier
  - Conestoga
- Doubleheader Weekends
  - Southeastern / Maroon & White
  - South Central / Blue & White
  - Lehigh Valley / Green & Gold

Coaches and Mentors:

Please Volunteer at one or more Qualifiers this season.

We especially need Judges and Referees

- Registration process similar to prior seasons
- Minor updates to the Event Participation Policy
- Let us know if you have any questions

11 Qualifiers this Season!
Registration for Qualifiers opens this evening.

Pennsylvania FTC Championship

- The Pennsylvania FTC Championship Tournament
  - 48 Teams, 2 Divisions, 4 Fields
- 1½ day event
  - Saturday (½ day): Judging and Inspections
  - Sunday (all day): Competition and Awards Ceremony
  - Location: *Red Lion Area Senior High School*
- Qualify through Pennsylvania FTC Qualifiers
  - Team must not have already advanced to FIRST Championship (Worlds) through another region
- 7 Teams advance to the FIRST Championship in Detroit

The Pinnacle Pennsylvania FTC Event!

Consent and Release Forms

http://www.ftcpenn.org/event-registration/event-participation-policy

- The **FIRST Consent and Release Form is required** for all students, mentors, coaches, and volunteers at all Pennsylvania FTC Workshops, Scrimmages, Qualifiers, and State Championship
  - Electronic or paper form acceptable. If paper, it must be presented at each event
  - For students, form must be signed by parent or legal guardian not coach

- Those **without signed a FIRST C&R Form** are welcome to watch the event from the stands, but **may not participate** in the event
  - Not allowed in the Pits or in the Competition area

Slack Workspace

- New Slack **Workspace for Pennsylvania FTC Coaches and Mentors**
  - **Slack is a popular persistent chat tool used by many organizations**
  - **Adults affiliated with a team may join this Slack Workspace**
  - Students are not allowed to join
  - Workspace supported by key Pennsylvania FTC volunteers

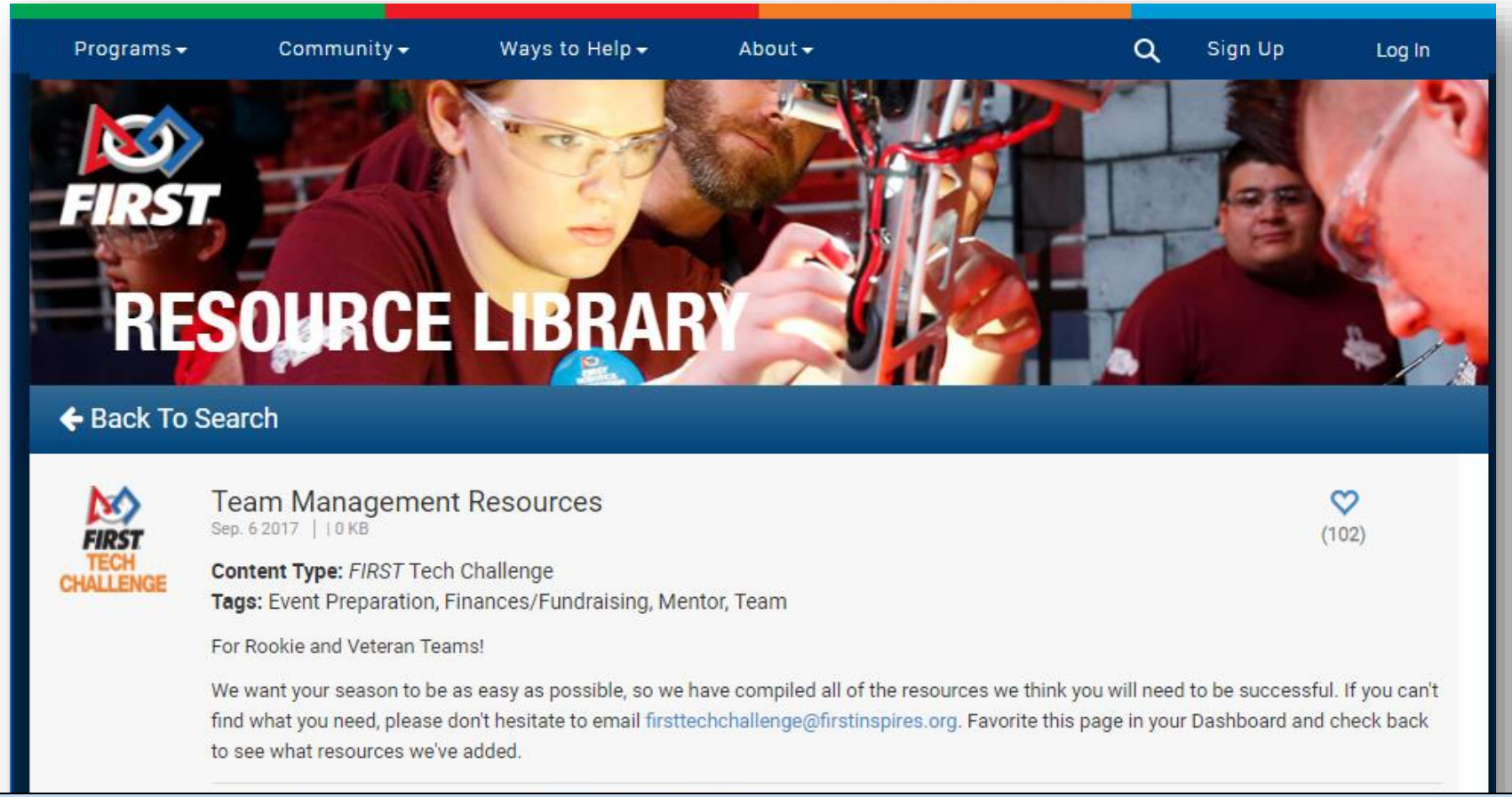
- **Ask questions and share your expertise**
  - Mechanical, hardware, software, judging, coaching tips, etc.
  - Pennsylvania FTC season and event questions
  - Note: Game rule questions are to be asked/answered in the FTC Game Forum

- Opt-in registration through http://www.ftcpenn.org/communications/slack
  - **Workspace available starting 9/14/2019**

New Tool to Communicate with the Pennsylvania FTC Community

FTC Team Resources

https://www.firstinspires.org/resource-library/ftc/team-management-resources



FIRST provides many resources to help your team.

Game Manual 1 Updates

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- **Human Player**
  - One **Human Player** per alliance at field. Alliance decides which team provides Human Player before coming to field (e.g. at queuing table).

- **Alliance Markers**
  - Team is responsible for creating and bringing to the field 2.5” red square and 2.5” blue circle **Alliance Markers.**
  - Red/Blue alliance flags are no longer used.

- **Team Scoring Element**
  - Current season’s *Scoring Elements* may not be used as the *Team Scoring Element*.

- …as well as several other changes! Be sure to read Game Manual 1.

See Game Manual 1 for Full Details

This is Your FTC Program

- Thank you to all of the coaches, mentors, students, and volunteers who help make the Pennsylvania FIRST Tech Challenge program successful.

- Please participate in the workshops and scrimmages that your fellow teams are hosting. Help them help others. Share your knowledge.

- We are looking forward to a great 2019-2020 Season!

Game Reveal!

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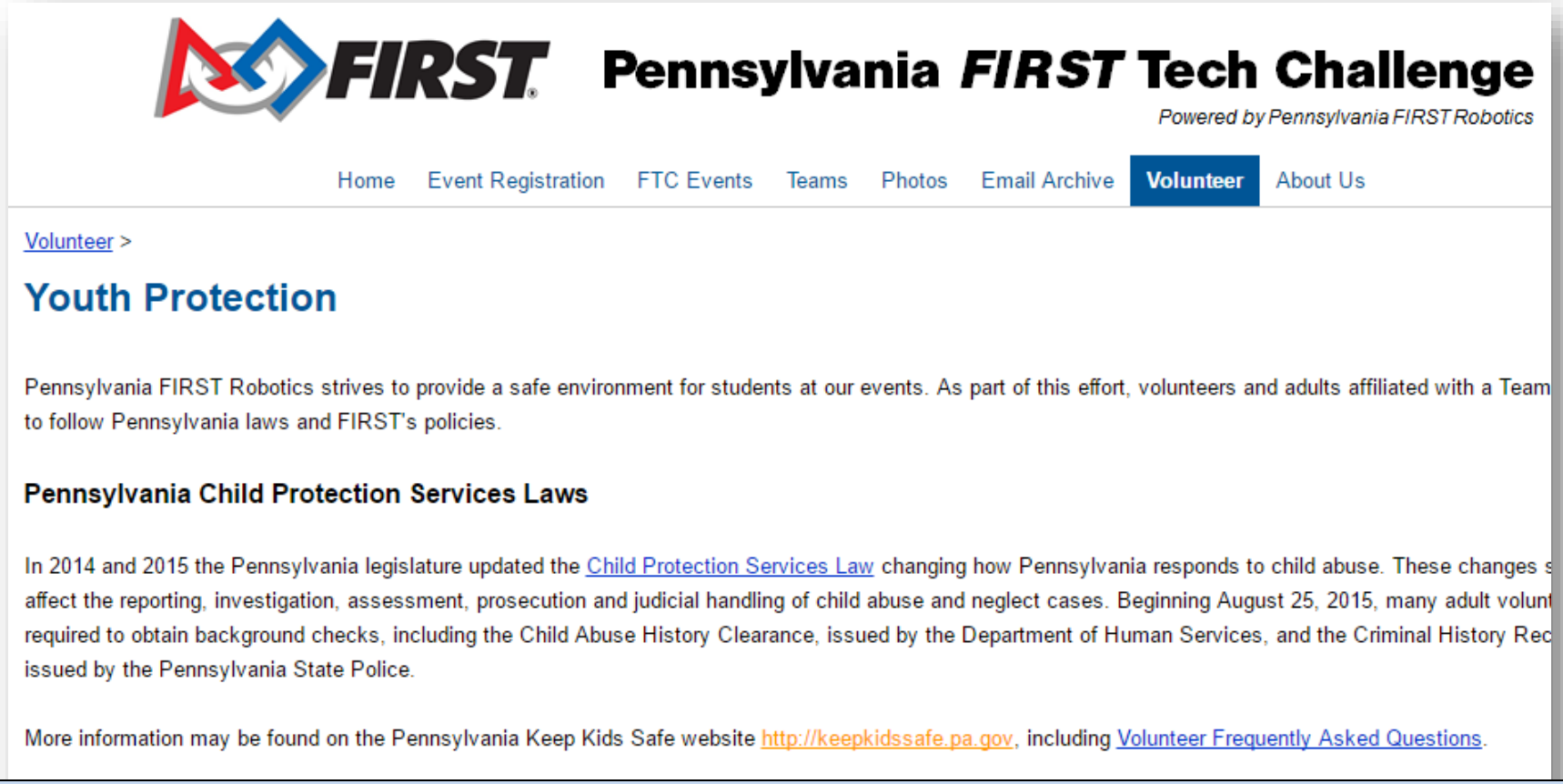
Youth Protection in Pennsylvania

http://www.ftcpenn.org/volunteer/youth-protection



FIRST Pennsylvania FIRST Tech Challenge

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Home | Event Registration | FTC Events | Teams | Photos | Email Archive | Volunteer | About Us

Volunteer >

Youth Protection

Pennsylvania FIRST Robotics strives to provide a safe environment for students at our events. As part of this effort, volunteers and adults affiliated with a Team to follow Pennsylvania laws and FIRST's policies.

Pennsylvania Child Protection Services Laws

In 2014 and 2015 the Pennsylvania legislature updated the Child Protection Services Law changing how Pennsylvania responds to child abuse. These changes s affect the reporting, investigation, assessment, prosecution and judicial handling of child abuse and neglect cases. Beginning August 25, 2015, many adult volunt required to obtain background checks, including the Child Abuse History Clearance, issued by the Department of Human Services, and the Criminal History Rec issued by the Pennsylvania State Police.

More information may be found on the Pennsylvania Keep Kids Safe website http://keepkidssafe.pa.gov, including Volunteer Frequently Asked Questions.

Pennsylvania Child Protection Laws
Affects both Adults Affiliated with a Team and Event Volunteers

Qualifier Registration

Pennsylvania Teams

Qualifiers

- 1st Preference > Registered List
  assuming space available
- 2nd Preference > 2nd Priority Waitlist
- 3rd Preference > 3rd Priority Waitlist
- … and so on

Out of State Teams

Qualifiers

- *Offset is TWO*
- 1st Preference > 3nd Priority Waitlist
- 2nd Preference > 4rd Priority Waitlist
- 3rd Preference > 5th Priority Waitlist
- … and so on

Registration for Qualifiers opens this evening!

Same as Last Season
Qualifier Preferences, Registered Lists and Wait Lists

When registering for Qualifiers, consider award and advancement rules if you plan to compete in other states or regions

Awards and Advancement

Awards and Advancement in Game Manual Part 1

7.2 Eligibility for Judged Awards

Teams are eligible to be considered for all Judged Awards except the Inspire Award … at **any one of the first three events** they participate in at each of the following levels.

• League Tournament • Qualifying Tournament • Super Qualifying Tournament • Championship Tournament

7.2.1 Inspire Award Eligibility

Teams that have won the Inspire Award at another event of the same level, **regardless of the region**, cannot be considered for the Inspire Award or as an Inspire Award Finalist at additional events at that level.

7.3 Eligibility for Advancement

Teams are eligible for advancement at any one of the first three events they participate in at any of the following levels, **regardless of the region**.

• League Tournament • Qualifying Tournament • Super Qualifying Tournament • Championship Tournament

Award and advancement opportunities now consider events participated in across all states and regions