

2023-2024 SEASON


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# Pennsylvania FTC 2023-2024 Season Kickoff

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PRESENTED BY  **Raytheon Technologies**





## Welcome!

- [www.ftcpenn.org](http://www.ftcpenn.org) - 2022-2023 Season Details
- Will be maintained throughout this 2023-2024 season
- Congrats to 2022-2023 Teams
- Pennsylvania 2023-2024 FTC Season Overview
- Game Reveal
- Game Q&A with Pennsylvania Head Referee



## Congrats to 2022-2023 Teams

### State Competition Results

#### Winning Alliance

- 22312 The Brobdingnagian Tritocephalic BrainSTEM Robotics Team - Captain
- 8393 The Giant Diencephalic BrainSTEM Robotics Team - 1st Team Selected
- 8468 The Javengers – 2<sup>nd</sup> Team Selected



## Congrats to 2022-2023 Teams

### State Competition Results

#### Finalist Alliance

- 16468 Green Lemons - Captain
- 20153 Silver Wolves – 1<sup>st</sup> Team Selected
- 13669 Raiderbots - 2nd Team Selected



## Congrats to 2022-2023 Teams

### State Competition Results

#### Compass Award

Alok Gupta of 14464 Bot Busters

#### Promote Award

12792 Sharon High School Robotics Team

#### Inspire Award

7244 OUT of the BOX Robotics (third consecutive year!)



## Congrats to 2022-2023 Teams

### Judged Awards

- **Design Award** - 7423 Flaming Phoenix
- **Motivate Award** - 22312 The Brobdingnagian Tritocephalic BrainSTEM Robotics Team
- **Control Award** - 8468 The Javengers
- **Innovate Award** - 14423 RoboCorns
- **Connect Award** – 13474 MARS Curiosity?
- **Think Award** - 20153 Silver Wolves
- **Judges' Choice Award** – 17388 Red Tornadoes



## Congrats to 2022-2023 Teams

### Dean's List Finalists

1. Krish Mittal - 14464 Bot Busters
2. Brighton Risch - 14423 RoboCorns
3. Lucas Boyle - 8393 The Giant Diencephalic BrainSTEM Robotics Team

Note: Lucas was one of the 10 FTC Finalists at the Championship. We would love for Lucas to share his experiences with other students.



## Congrats to 2022-2023 Teams

### Representing PA at the World Championships – Houston, TX

1. Team 7244 - OUT of the BOX Robotics - DC Conference Finalist Alliance - 2nd Team Selected and Design Award 2nd Place
2. Team 22312 - The Brobdingnagian Tritocephalic BrainSTEM Robotics Team - AC Conference Finalist Alliance - Captain
3. Team 14423 - RoboCorns- Control Award sponsored by Arm, IncConnect Award 2nd Place.
4. Team 8393 The Giant Diencephalic BrainSTEM Robotics Team - Connect Award 2nd Place and Dean's List Winner, Lucas Boyle



## Pennsylvania 2023-2024 FTC Season Overview

- Planning for a fully **Traditional** Event Season - In-person Workshops, Scrimmages, Qualifiers and PA State Championship
- Participation in 2022-2023 Season Qualifiers, and State Championship Tournament is limited to Pennsylvania FTC Teams, however we may open up to out-of-state teams to fill the events, but with no opportunity to advance to the Championship.
- Workshops and Scrimmages are open to our neighbors if room
- Teams advance from PA State Championship to FIRST Championship in Houston, TX (April 16 - 20, 2024)



## Pennsylvania 2023-2024 FTC Season Overview

### Traditional Event Scheduling

- We have 10 scheduled Qualifiers. We are not planning on adding more, unless necessary
- Qualifiers will be 18, 24, 30 or 36 teams events depending on venue space and registration interest. Flexible based on Reg rate
- Qualifier season will start Dec 16<sup>th</sup> and be completed by Feb 25<sup>th</sup>
- State Championship be the 2<sup>nd</sup> or 3<sup>rd</sup> weekend of March (TBD)
- FTC Event page: <https://www.ftcpenn.org/ftc-events/2023-2024-season>



## Pennsylvania 2023-2024 FTC Season Overview

### Traditional Event Scheduling

- PA Event Registration will open at 12:00 Noon, October 1<sup>st</sup>, 2023
- Only teams that have completed their FIRST FTC Registration can register for PA events
- Scrimmages and workshops are in the works as well and will be added to FTC Events in the coming days. We welcome adding more “Team Powered” events. Please let us know if interested
- Tag Teams – need more leads and Tagged teams!



## Pennsylvania 2023-2024 FTC Season Overview

### Scheduled Qualifiers

Dec 16, 2023 - South Central Pennsylvania Qualifier, YCDS

Dec. 17, 2023 - Greyhound Sprint Qualifier, YCDS

Jan, 20, 2024 - Nittany Lion Qualifier, PSU York

Jan. 27, 2024 - Red Tornado Qualifier. McCaskey East, Lancaster

Feb. 3, 2024 - Philadelphia City Qualifier, Philly City Teams only

Feb 4, 2024 - Philadelphia Open Qualifier, Open to all PA FTC Teams



## Pennsylvania 2023-2024 FTC Season Overview

### Scheduled Qualifiers

Feb 17, 2024 - Eastern Pennsylvania Qualifier, Coatesville Area HS

Feb 18, 2024 - Red Raiders Qualifier, Coatesville Area HS

Feb. 24, 2024 - Southwestern Pennsylvania Qualifier, USCHS

Feb. 25, 2024 - Panther Power Qualifier, USCHS

Again, Qualifiers will be 18, 24, 30 or 36 teams events depending on venue space and registration interest.



## Pennsylvania 2023-2024 FTC Season Overview

### Additional Season Information

- World Championship is increasing from 160 ('22) to 192 ('23) to 224 teams 2024!
- Allotment of PA teams advancing to the Championship will be dependent on the number of teams registered with FIRST by the first week of December. We hope to maintain a minimum of 4.
- FTC Scoring Tool software has an expanded use as an event management tool. Linked to team information, registration and volunteer databases within FIRST



## Pennsylvania 2023-2024 FTC Season Overview

### Game Manuals and Kickoff Video

- Playing Field Materials and Manuals
- Videos and Promotional Materials
- Official Q&A Forum Documentation
- Robot Building Resources
- Team Management Resources
- Youth Team Member Registration
- <https://www.firstinspires.org/robotics/ftc/game-and-season>



## Pennsylvania 2023-2024 FTC Season Overview

### Addition FTC Grants Opportunities - TBA

- Pennsylvania FIRST Robotics will be administering two Additional Sponsor Grants this season
- Grants will have stipulations and requirements as dictated by the sponsor organizations
- More information will be shared with teams in September
- Information will be communicated and application's will be accomplished directly on our website



## Thank You!

**Thank you for your attendance and all that you do! We are looking forward to another innovative season during these challenging times.**

### **Kickoff Locations and Organizations:**

West – Mars Robotics and North Catholic Robotics, Cranberry Township

Philadelphia - Philadelphia Robotics Coalition at Temple University

South Central – York Country Day School, York

West Central - Laurel Highlands Education and Robotics, Hollsopple

East - FTC Team`16468 Green Lemons, Unionville – Chadds Ford SD