



321

**Impact Award
Information and
Documentation**

Impact Award Essay 2023

FRC 321 - RoboLancers

In the 25-year history of the RoboLancers, we have experienced many barriers that prevent Philadelphia students from participating in STEM programs. Pillars of a successful FIRST team such as funding, experienced coaches, and events were lacking across Philadelphia, maintaining the barriers that made STEM inaccessible. Our team strives to break down those barriers and ensure STEM programs are equitable and accessible to all students.

FUNDING

Historically, STEM opportunities and programs have had high participation costs, making them inaccessible to the vast majority of Philadelphia students. For many years, the School District of Philadelphia (SDP) was the sole provider of funding for robotics teams. Once that funding ended, many teams were unable to sustain themselves, and ultimately disbanded.

We were affected by this inconsistency and worked to acquire multiple streams of funding. As we became self-sufficient, we looked outward to help support our community. Since 2013, our support has gone from \$321 microgrants for a handful of teams, to running a full-fledged non-profit with a yearly budget of \$500K, and distributing grants of up to \$2K each to 128 teams across the city. Our non-profit, the Philadelphia Robotics Coalition, is our brand of outreach.

However, coordinating teams and events on a large scale in a city of over 124K students is impossible for high school students alone. In the past two years, we have hired two full-time employees to accomplish tasks we cannot. While our students volunteer, mentor & assist teams, apply for grants, and run events & coach trainings, our staff complete other essential tasks like opening bank accounts and taking daytime meetings.

COACHING

Direct technical support is rarely enough to ensure the sustainability of a team. As we know, public school teachers are often overworked and underpaid. We've found that compensating coaches for their time spent coaching provides them with reassurance that their support is valued. This helps to create more sustainable teams. Currently, we are contracted as an official After School Enrichment vendor with the SDP. In the process of advocating for this contract, we guaranteed that coaches within the SDP would be paid by the SDP for time spent coaching. Last year, nearly \$100K was distributed by the SDP to these coaches and an estimated \$750K will be distributed this year. To provide even more support, we run 5 coach training events at the beginning of the school year. Our team members work directly with coaches to provide them with the knowledge and insight they need to successfully lead a FIRST team. Coaches build and program robots of their own with support from RoboLancers students and collaborate with coaches from other teams to create activities for their students while being introduced to the FIRST Core Values. Throughout the school year, we run additional trainings to provide coaches who were unable to attend

the first training with the same knowledge and resources, and to create a space for coaches to ask questions and receive feedback and extra assistance.

WORKSHOPS

In addition to establishing support for coaches, we run workshops to connect teams to one another. We run Design It!, Build It!, Program It!, and Drive It! to help guide FTC teams through their season. In order to create a successful program, we work to support and encourage teams in each stage of their season and allow teams to collaborate, while also connecting them to knowledgeable student volunteers.

MENTORING

In addition to trainings and workshops, teams benefit greatly from individualized support. As our team grew, we knew we could provide a variety of technical assistance. In 2018, we began offering programming mentorship. However, we wanted to expand this resource to provide one-on-one support to all of our teams in different areas. This year, we've vastly improved our reach by connecting our students to teams in their neighborhoods. This utilizes our members' diverse backgrounds and skill sets to provide more widespread support. Through these efforts, we are also able to provide teams with role model representatives from their communities. In this year alone, our students have mentored 23 teams in a total of 102 sessions, impacting over 220 people across Philadelphia.

HAMILTON & SUMMER CAMPS

For the 2022-23 FLL season, we embarked on our first attempt at a full-school implementation of the FLL programs at Andrew Hamilton Elementary School. This program required 218 hours of intensive support. Students participated in the program as a part of their digital literacy class. Hamilton students comprised the equivalent of 50 teams across all three levels of FLL. In November, we ran their internal qualifier, in which three FLL Explore and two FLL Challenge teams advanced to the official Philadelphia events.

In addition to this school-wide implementation, this past summer we began our first foray into running summer camps as a collaboration with the Philadelphia Department of Parks and Recreation and Inspiring Minds Philadelphia. These established programs provide us with the space, students, and support staff needed to provide free robotics programming opportunities to underserved youth. We ran the camps for 7 weeks at 4 different sites. Campers built and programmed robots for FIRST LEGO League Challenge under the guidance of RoboLancers students. The 60+ campers learned about FIRST and were informed on how to continue participating during the school year.

EVENTS

We have discovered 2 major barriers to event attendance during our time supporting teams; geographic proximity and scheduling conflicts. If events were not accessible by SEPTA, our city's public transit system, we saw drastic drops in attendance levels from teams and students.

Whenever possible, we run our events served by major public transit routes. When this isn't possible, such as this year's FTC Qualifier, we charter buses to shuttle teams, bridging the gap between transit centers and the event venue. For FTC teams that want to compete at events outside of Philadelphia, we charter buses for them at no cost to them. Despite the vast majority of our events being SEPTA accessible, we also prioritize having varied locations in order to cut down on commute times. Of the 14 major events we're running this year, 7 aren't at our school.

Secondly, weekend events are sometimes hard for students to attend due to work or family commitments, so we run our Program It! workshop and FTC scrimmage during the school day to allow more students to attend.

To provide events in the city to our many teams, we run 5 official events: the Philadelphia FTC Qualifier, 2 FLL Challenge RQTs, and 2 FLL Explore Festivals. In addition to official competitions, we run the Philadelphia FTC Scrimmage and RoboJawn, our series of offseason events for FLL and FTC teams intended to encourage continued progress after their official season ends.

We have volunteered at 33 events, 14 of which we have run, since the end of last season. Our team has dedicated well over 2000 hours to volunteering in support of our mission throughout this season alone.

FUTURE PLANS

One of our newest initiatives is HackaJawn, an event that includes both a hackathon and an endurance FLL competition for high school students. Both competitions will last a full 24 hours and offer new and exciting ways for students to learn more about programming. Throughout the event, our team members will run skill-building seminars on an assortment of topics.

As we work to increase STEM equity in our city, we have designed a new initiative to involve more women in STEM. This initiative is entitled Women in Robotics and Engineering (WiRE). WiRE is a 12-week afterschool program intended to encourage middle school girls in Philadelphia to pursue careers in engineering. Each weekly meeting features hands-on engineering experiments led by female STEM professionals. Along with being connected to a network of role models and mentors, students will gain experience with the engineering design process by developing their own engineering projects and sharing them with their peers.

SUSTAINABILITY

Providing support to so many teams requires our own continued sustainability. Through our robot demos at events such as the Society of Cable and Telecommunications Engineers Expo, the International Conference on Robotics and Automation, and the Philly Tech Week Signature Event, we've been able to make new connections with prospective sponsors, recruit mentors, and further expand our reach.

Outside of building these relationships, we also demo our robot at our school's spring fair and speak to students at our freshman club fair. We invite students who aren't members of our team to drive our robots to continue to build a presence in our school community. To ensure all interested students have access to our program, this year we expanded our program by growing from three internal FTC teams to 6, including 49 more students and experiencing growth of 45%, solidifying our position as the largest organization at our school.

The impact of our initiatives on hundreds of SDP students is the most important part of our work. We are able to see the long-lasting effects of everything we do on the students we engage with. Students who have engaged in our programs recognize the value that FIRST brings and go on to create their own teams. Our team has facilitated education in everything from how to use a screwdriver to how to use a lathe. Students at our summer camp went from feeling like they didn't belong in STEM to developing leadership skills and building robots. Our work provides equitable STEM opportunities to historically underprivileged populations across our city. Through our dedication to our community, we utilize FIRST as a tool for change as we inspire and prepare the next generation of STEM leaders in Philadelphia.

Impact Award Executive Summaries 2023

FRC 321 - RoboLancers

Describe the impact of the *FIRST* program on team participants within the last 3 years. This can include but is not limited to percentages of those graduating high school, attending college, in STEM careers, and in *FIRST* programs as mentors/sponsors.

Over the past three years:

- 100% of our alumni have not only graduated high school but also continued on to college or other technical programs, in comparison to the graduation rate of 81% in Philadelphia
- 81% of RoboLancers alumni major/majored in a STEM field, and 84% of our team's alumni plan to work in a STEM field
- 21 alumni have returned to mentor, coach, or assist the team

Describe your community along with how your team addresses its unique opportunities and circumstances.

- We are from Philadelphia; 68% of students in our school are classified as economically disadvantaged
- The demographics of our team closely match those of our city as we come from 40 different zip codes; 76.1% of our team are people of color and 55% are fluently multilingual
- 37% of children in Philadelphia live below the poverty line, compared to 16% of children in the United States. We waive team dues and travel costs for team members who cannot afford them.

Describe the team's methods, with emphasis on the past 3 years, for spreading the FIRST message in ways that are effective, scalable, sustainable, and creative. How does your team measure results?

Our team supports the FIRST mission to create recognition of the benefits of STEM programs for students by:

- Spreading our experience of the impact of STEM programs in the past year to over 1,200 students across Philadelphia through our many initiatives.
- Leading a LEGO robotics summer camp last summer where we reached 60 students at 4 sites

Sharing our support of FIRST across 9 social media platforms, reaching over 2,800 followers and having over 52,000 views on YouTube

Please provide specific examples of how your team members act as role models within the FIRST community with emphasis on the past 3 years.

This year in FIRST we will/have:

- Run 14 events and volunteer at 7 other FIRST events in various roles. In doing so we represent to students the diverse groups that belong in STEM
- Mentor over 220 students on a regular basis, and also offer tailored virtual assistance to teams unable to have visitors
- Demonstrated our robot to Big Brothers and Big Sisters, and the Boys and Girls Club which ultimately led to a stronger relationship and increased access to robotics

Describe your team's initiatives to Assist, Mentor, and/or Start other FIRST teams with emphasis on activities within the past 3 years.

- Started 82 teams in past 3 yrs, 71 teams this year
- We currently support 128 teams in Philadelphia; 32 FTC, 40 FLL Explore, and 56 FLL Challenge
- Mentored 23 teams for 100 hours total
- Assisted 52 teams who attend our workshops
- Supplied underserved teams with \$175K+ this year and \$236K+ in the past 3 years
- Assisted FTC 12308 and FRC 9014 in our shop and provided them with technical support
- Started 14 FLL Explore teams with Philadelphia Boys and Girls Club in schools and communities

Beyond starting teams, what initiatives have you done to help inspire young people to be science and technology leaders and innovators? What results have you seen from your efforts in the past 3 years?

Some of our additional initiatives spanning the past 3 years are:

- Running a panel on College STEM options for students in our school when college visits were unavailable due to the pandemic
- Starting a full-school implementation of FLL programs at Hamilton school where students compete on an unofficial team to advance to official FLL competitions.
- Bringing 20 students to Temple University to learn from engineering students about their work and opportunities after high school

Describe the partnerships you've created with other organizations (teams, sponsors, educational institutions, philanthropic entities, etc.) and what you have accomplished together with emphasis on the past 3 years

- Signed a contract with the School District of Philadelphia as an After School Enrichment vendor to guarantee continued support and secure payment for teachers coaching
- Partnered with Hamilton School, Phila. Parks and Rec, and the Boys and Girls Club to start summer and school year FLL programs
- Facilitated connections between our teams and sponsors such as Comcast and Exyn
- Ran a workshop at and toured the Temple Engineering facilities

Describe your team's efforts in the past 3 years to promote equity, diversity, and inclusion within your team, FIRST, and your communities.

- We brought in an expert to lead a workshop on promoting diversity, equity, and inclusion in our team
- This year, we are starting a 12-week long afterschool program designed to encourage middle school girls to pursue careers in engineering through hands-on experience
- We provided a unique perspective on equity and diversity to the FIRST community through “RoboEquity: Building Equity through Robotics for Underrepresented Youth”, a talk we gave at the 2022 FIRST World Championship

Explain how you ensure your team and the initiatives you have created will continue to run effectively for the foreseeable future.

To ensure we continue to provide support to our community, members must learn about our mission and how we accomplish it.

- We provide mentorship training to new members who then shadow students in their mentor roles, giving them familiarity and experience
- Students are given opportunities to volunteer at many events and gain specialization in specific roles
- As returning members run events, new members support planning and management in preparation to later assume these key positions

Describe your team's innovative strategies to recruit, retain, and engage your sponsors within the past 3 years.

- We strive to have our sponsors actively participate in our team by:
- Holding design reviews where our sponsors listen to our ideas and offer guidance
- Encouraging their employees to volunteer at our events
- To recruit new sponsors, our team attends various events where we demonstrate our robot and speak with attending companies in order to explain our program and work, and learn about their work with the hope that they will support our initiatives.

Highlight one area in which your team needs to improve and describe the steps actively being taken to make those improvements.

We are working toward offering higher-quality support to teams. This includes improving the quality of our mentorship and improving our coach training.

We are

- Reworking our coach trainings to cover more skills such as task prioritization, competition strategy, and resource location
- Developing comprehensive training curriculums for student mentors to improve the quality of the support we give

Describe your team's goals to fulfill the mission of FIRST and the progress you have made towards those goals.

Our team's mission is to inspire and prepare the next generation of STEM leaders in Philadelphia, with the goal of providing every public school student in Philadelphia with access to high quality robotics programs.

- Each initiative we have created throughout our team history works towards this goal.
- We work to break down financial, transportation, and technical barriers within our city by team funding, direct mentorship, engaging workshops, and transportation accommodations

Briefly describe other matters of interest to the FIRST Judges, including items that may not fit into the above topics. The judges are interested in learning about aspects of your team that may be unique or particularly noteworthy.

Our team runs 5 coach training events supporting coaches from the School District of Philadelphia and other Philadelphia area schools.

- Sessions focus on establishing the role of a coach and providing perspective from students as well as sharing resources to jump start team success
- Provides coaches with hands-on experience to create confidence in the face of this new challenge
- Connects new coaches to veteran coaches, allowing for coaches to access support from multiple perspectives

Please use this space to ask 1 question to your FIRST Impact Award Judges which will be answered after each event with feedback from the judges.

What additional data would help further your understanding of our work?

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RoboLancers



The RoboLancers consists of 7 competitive teams that represent Central High School of Philadelphia in both FRC and FTC competitions. FRC 321 was founded in 1999, FTC 5320 was added to our program in 2011 followed closely by FTC 6676. In 2019 FTC 16941 represented a returning members FTC team, in 2021 it transitioned to a new member team. 3 additional new member FTC teams were added in 2022.

RoboLancers Statistics

FRC 321 - RoboLancers

FTC 5320 - RoboLancers Gold

FTC 6676 - RoboLancers Crimson

FTC 16941 - RoboLancers Cobalt

FTC 22245 - RoboLancers Kale

FTC 22246 - RoboLancers Aubergine

FTC 22247 - RoboLancers Pumpkin

155 RoboLancers

Male: 63.8%

Female: 31.5%

Other: 4.7%

Seniors: 15.4%

Juniors: 18.1%

Sophomores: 43.6%

Freshmen: 22.8%

African American/Black: 8.8%

White: 23.8%

Asian or Pacific Islander: 55.8%

Hispanic or Latino/a: 2.7%

Mixed Race: 8.8%

Program Specific Statistics

74 FRC STUDENTS

Male: 56.0%

Female: 41.3%

Other: 2.7%

Seniors: 30.7%

Juniors: 12.0%

Sophomores: 52.0%

Freshmen: 5.3%

African American/Black: 10.8%

White: 27.0%

Asian or Pacific Islander: 48.6%

Hispanic or Latino/a: 5.4%

Mixed Race: 8.1%

81 FTC STUDENTS

Male: 70.7%

Female: 22.7%

Other: 6.7%

Juniors: 40.0%

Sophomores: 36.0%

Freshmen: 40.0%

African American/Black: 6.8%

White: 20.3%

Asian or Pacific Islander: 63.5%

Hispanic or Latino/a: 0%

Mixed Race: 9.5%

FTC System

RoboLancers Gold

12 Members - 8 Mechanical - 4 Programming

RoboLancers Crimson

13 Members - 9 Mechanical - 4 Programming

RoboLancers Cobalt

11 Members - 7 Mechanical - 4 Programming

RoboLancers Kale

13 Members - 9 Mechanical - 4 Programming

RoboLancers Aubergine

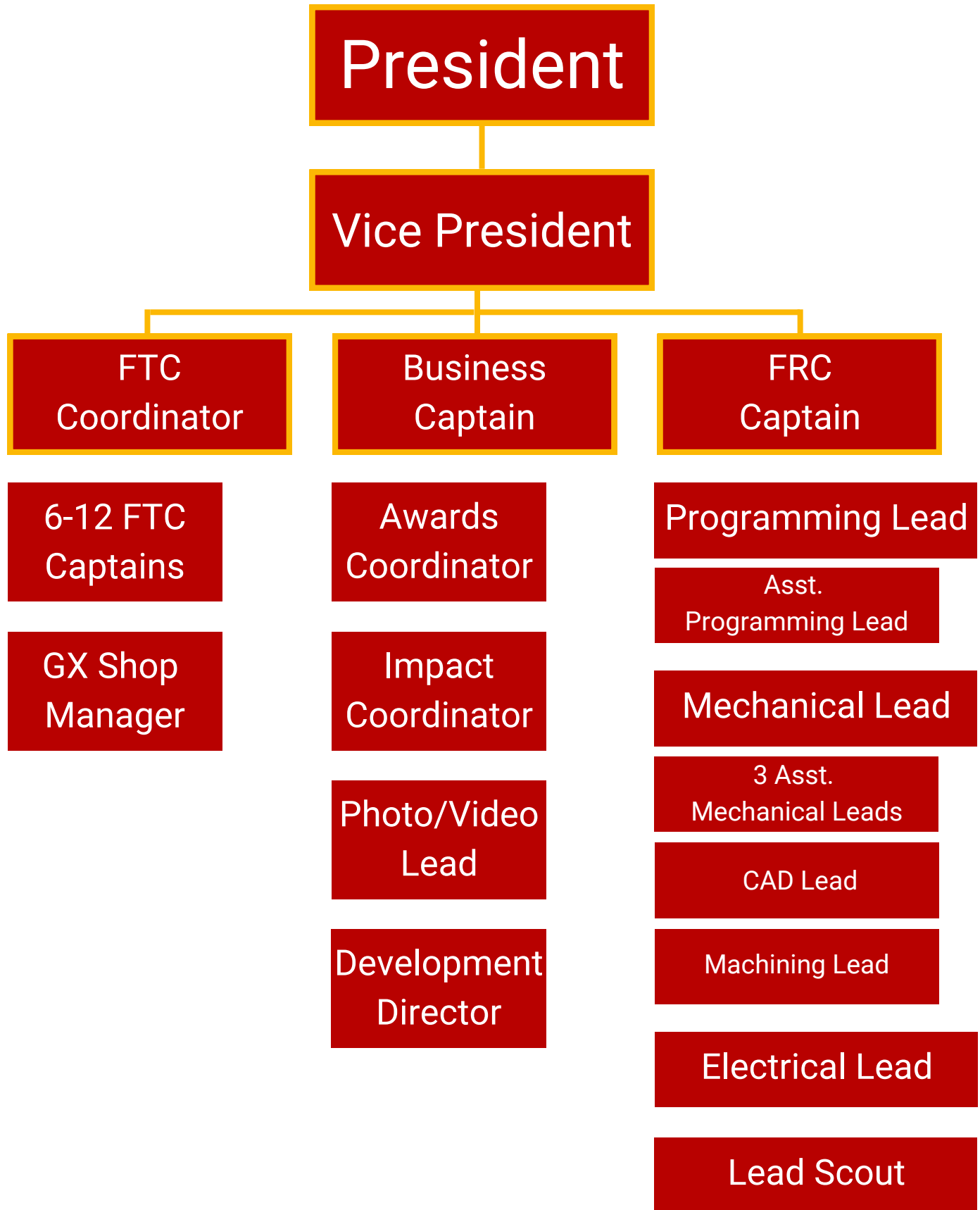
13 Members - 9 Mechanical - 4 Programming

RoboLancers Pumpkin

13 Members - 9 Mechanical - 4 Programming

From September through December a returning member serves as captain of each FTC team. In December the team elects a pair of captains from among the new members and the returning member returns to FRC. Totaling 480 hours of service.

Leadership Structure



OVERVIEW



Philadelphia Robotics Coalition

The Coalition comes to its first iteration as the Central Robotics Coalition, helping only FTC teams.

2018

Helped the School District of Philadelphia secure a PA Smart grant for Philadelphia FLL!

2020

Funding for FLL teams, hired 3 new staff members to manage day to day operations. Talk at World Championship about building Equity in Robotics.

2022

2016

Rebranding to the Philadelphia Robotics Coalition becoming a registered non-profit and expanding our support to many more teams.

2019

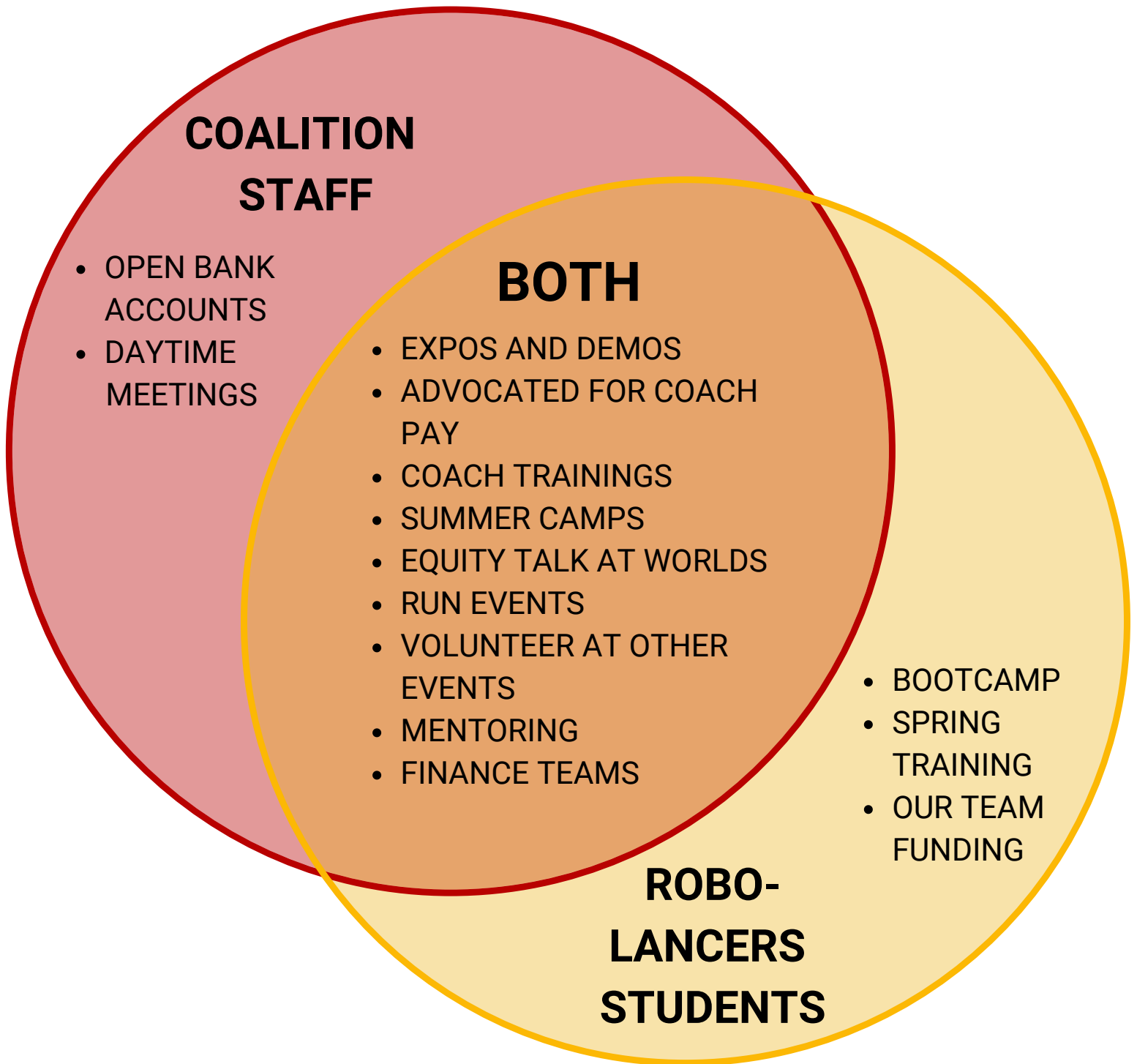
Ran a fully virtual FLL Season. No in person school so we supported our FTC programs having students participate in CoderZ one of our teams was CoderZ league world champions.

2021

Dramatic increase in program size. First full school implementation of FLL. Required mentorship from each RoboLancer.



Diagram of Our Outreach



RoboLancers Outreach Service Plan

Mission and Scope

FIRST and the RoboLancers share a mission to inspire and prepare the next generation of STEM leaders. The RoboLancers pursue this mission for our own members, for our whole Central High School community, and for public school students across Philadelphia.

Commitment to Service

Our outreach mission is equal in importance to our competitive robot program. To that end, all members of the RoboLancers team are expected to participate in the outreach mission.

In their first year on the team, members learn the core values and ethos of our program and build technical and interpersonal skills. First year team members are encouraged to participate in outreach service. After their first year on the team, members are required to complete outreach service each year.

RoboLancers Outreach Service Plan

Eligible Service

Activities can be counted toward the RoboLancers outreach requirement if the following conditions are met:

1. The service furthers the outreach mission: to inspire and prepare the next generation of STEM leaders within our community.
2. The service meets the Central High School Community Service Guidelines.

Coaches are available to help you determine whether a proposed activity is eligible service.

RoboLancers Outreach Service Plan

Service Tiers: Incentivizing Impact

There are a wide range of eligible service activities. Often the higher impact service requires greater effort. As such, activities are divided into tiers as follows:

Tier 1: Service beyond the Central High School Community

Direct service to Philadelphia public school students outside the Central High School community requires the greatest effort, but also is the most impactful. 20 hours of Tier 1 service satisfies the annual service commitment. For example, a student may:

- Make weekly visits to mentor a Philadelphia public school FIRST LEGO League or FIRST Tech Challenge team September–February. Log 20 hours working with that team. Students are especially encouraged to mentor teams at their former elementary or middle schools.
- Run PRX To-Go activities at Philadelphia public schools. Log 20 hours of these activities (3 school days).

Tier 2: Central High School Service beyond the RoboLancers

Direct service to Central High School students who are not RoboLancers is logistically easier than service elsewhere, so the hour requirement is increased. Volunteering at FIRST events is Tier 2 service regardless of the physical location of the event. 30 hours of Tier 2 service satisfies the annual service commitment.

For example, a student may:

- Serve as a peer tutor in a STEM subject for Central students. Log 30 hours tutoring.
- Serve as an event volunteer at FIRST or Philadelphia Robotics Coalition events. Log 30 hours as an event volunteer.

Tier 3: Select Service within the RoboLancers

Certain roles and activities within the RoboLancers organization meet the outreach mission even though they are not particularly outward facing. Students taking on these roles serve in inspirational or instructional capacities while sacrificing their own personal advancement through the ranks of our competitive program. 40 hours of Tier 3 service satisfies the annual service commitment. For example, a student may:

- Serve as an FTC team captain for the fall. Log 40 hours captaining their team.
- Serve as a Programming Teacher for new members. Log 40 hours teaching new members.

RoboLancers Outreach Service Plan

Combos Discouraged

Students are expected to complete their whole service requirement through a single activity. Focusing on a single activity encourages students to develop expertise, build meaningful relationships with the people they serve, and diffuse the administrative challenge of placing all team members into service.

That said, there will likely be circumstances that require students to switch service placements mid-season in consultation with a coach. If an approved switch means that a student switches from one service tier to another, the combined service requirement is:

$$(\text{Hrs of Tier 1 Service}) + \frac{2}{3} (\text{hrs of Tier 2 Service}) + \frac{1}{2} (\text{hrs of Tier 3 Service}) \geq 20$$

Process and Documentation

All returning team members shall submit their outreach plan by Friday September 9th at 3:15pm. Plans are to be submitted through this form. The plan will include:

- Tier of service
- Proposed activity
- Quarterly hours targets

Plans will be approved by coaches/outreach director (or revisions requested) by 9/16.

As students complete service hours, they will log these hours through this form.

At the end of each quarter, the coaches/outreach director will audit hours completed against the planned quarterly targets and initiate conversations with – and offer support for – any students who are falling behind their project plan

RoboLancers Personal Outreach Plan Submission Form 2022-2023

1. First Name

2. Last Name

3. Student ID

4. Email

5. Home Address

This will be used to send you to schools that aren't too far out of your normal route home. These will not be publicly accessible, but will be viewed by a small team of students and mentors.

6. FTC Program Experience

Check all that apply.

- Mechanical
- Programming
- Portfolio
- Presentation
- NO PRIOR EXPERIENCE

7. List any Philadelphia schools you have connections to (elementary or middle schools you attended, schools your siblings go to or parents work at, etc)

8. FLL Challenge Program Experience

Check all that apply.

- Building
- Programming
- Innovation Project
- NO EXPERIENCE

9. Service Tier

Mark only one

- Tier 1 (Mentorship, PRX To Go, etc) (20 Hours)
- Tier 2 (FIRST event volunteering, STEM tutoring, etc) (30 Hours)
- Tier 3 (FTC Captain, Programming Teacher, etc) (40 Hours)

10. Describe your proposed outreach activity in as much detail as you know.

For example:

- Mentor Baldi FLL Challenge Tuesdays at 3:30
- Assign me to mentor an FTC team in South or West Philly
- I'll be scorekeeper for all Philly FTC events

11. How many hours will you have completed by end of Q1? (Ends October 31)

12. How many total hours will you have completed by end of Q2? (Ends December 31)

13. How many total hours will you have completed by end of Q3? (Ends March 31)

14. How many total hours will you have completed by end of Q4 to meet your outreach requirement?

15. What are your free periods?

Check all that apply.

1

2

3

4

5

6

7

16. Can you drive?

If you're planning on having a license and access to a car by an approximate date, please list it under "other."

Mark only one oval.

Yes

No

Other: _____

RoboLancers Personal Outreach Plan Submission Form 2022-2023

1. First Name

Andre

2. Last Name

3. Student ID

4. Email

5. Home Address

This will be used to send you to schools that aren't too far out of your normal route home. These will not be publicly accessible, but will be viewed by a small team of students and mentors.

6. FTC Program Experience

Check all that apply.

- Mechanical
- Programming
- Portfolio
- Presentation
- NO PRIOR EXPERIENCE

This example plan has redacted information to protect student privacy.

7. List any Philadelphia schools you have connections to (elementary or middle schools you attended, schools your siblings go to or parents work at, etc)

8. FLL Challenge Program Experience

Check all that apply.

- Building
- Programming
- Innovation Project
- NO EXPERIENCE

9. Service Tier

Mark only one

- Tier 1 (Mentorship, PRX To Go, etc) (20 Hours)
- Tier 2 (FIRST event volunteering, STEM tutoring, etc) (30 Hours)
- Tier 3 (FTC Captain, Programming Teacher, etc) (40 Hours)

10. Describe your proposed outreach activity in as much detail as you know.

For example:

- Mentor Baldi FLL Challenge Tuesdays at 3:30
- Assign me to mentor an FTC team in South or West Philly
- I'll be scorekeeper for all Philly FTC events

Mentor ftc or fll teams at other schools on Tuesday or Thursday
with Tom.

11. How many hours will you have completed by end of Q1? (Ends October 31)
6

12. How many total hours will you have completed by end of Q2? (Ends December 31)
12

13. How many total hours will you have completed by end of Q3? (Ends March 31)
18

14. How many total hours will you have completed by end of Q4 to meet your outreach requirement?
24

15. What are your free periods?

Check all that apply.

1

2

3

4

5

6

7

16. Can you drive?

If you're planning on having a license and access to a car by an approximate date, please list it under "other."

Mark only one oval.

Yes

No

Other: _____

TEAMS



Our Teams

130 FIRST Teams



33 FTC Teams

\$2,000 Rookie Stipend
\$1,000 Veteran Stipend
Registration fees paid



56 FLL Challenge Teams

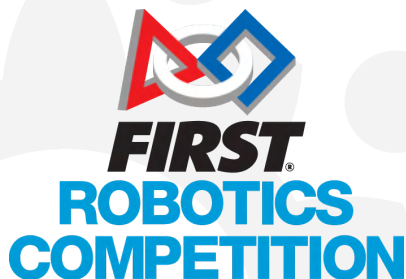
\$200 Stipend
2 Spike Primes and Expansion set
Challenge Set
Registration fees paid



EXPLORE

40 FLL Explore Teams

\$100 Stipend
Spike Essential
Explore Set
Registration fees paid



1 FRC Team

\$1,000 Stipend
Spare parts & Shop access
Mentorship

Our Teams

We support our teams in many ways, as such each team is unique in its status. Each team's team agreement, found at the end of this binder, describes the support they receive. Teams listed may receive stipends, may receive coach training, may receive direct mentorship, and are invited to all events. Some teams were started by the Philadelphia Robotics Coalition.

FRC

9014 VULCAN MECHANICS - 2023 ROOKIE

FTC

5320 ROBOLANCERS GOLD - 2011 ROOKIE

5321 TECHHEROES - 2011 ROOKIE

6540 RAIL SPLITTERS - 2012 ROOKIE

6552 NORTHEAST HIGH SCHOOL - 2012 ROOKIE

6606 DOBBINS FORCE - 2012 ROOKIE

6676 ROBOLANCERS CRIMSON - 2012 ROOKIE

8480 TECHNABOTS - 2014 ROOKIE

8730 ROBOGRIFFINS - 2014 ROOKIE

9568 OLNEY TROJAN ROBOTICS - 2014 ROOKIE

9570 GEAR GIRLS - 2014 ROOKIE

11493 THE ROCKETS - 2016 ROOKIE

FTC

12308 BODINE AMBASSADORS - 2016 ROOKIE
15521 U-BOTICS - 2018 ROOKIE
16664 GENBOTS - 2019 ROOKIE
16941 ROBOLANCERS COBALT - 2019 ROOKIE
18572 WEST PHILLY SPEEDBOTS - 2020 ROOKIE
20513 THE GAMMA SHIFTERS - 2021 ROOKIE
21680 GEORGE FOXBOTICS - 2022 ROOKIE
22245 ROBOLANCERS KALE - 2022 ROOKIE
22246 ROBOLANCERS AUBERGINE - 2022 ROOKIE
22247 ROBOLANCERS PUMPKIN - 2022 ROOKIE
22279 SLAMTASTIC SQUIRRELS - 2022 ROOKIE
22280 INTO THE SLAMMER - 2022 ROOKIE
22281 SLAMMD - 2022 ROOKIE
22282 SLAMPHIBIANS - 2022 ROOKIE
22283 SLAM DUNK - 2022 ROOKIE

FTC

22284 SLAM GREG - 2022 ROOKIE

22285 SLAM SHADY - 2022 ROOKIE

22414 FIRST PHILLY EAGLES - 2022 ROOKIE

22424 LANKENAU BEES - 2022 ROOKIE

FLL Challenge

9891 PAS TESLA ROBOTICS - 2014 ROOKIE
28346 CARVER MS (2) - 2016 ROOKIE
29214 PASTORIUS COUGARS - 2016 ROOKIE
31597 ROBOT, INC. - 2017 ROOKIE
35390 PAS ROBO-TICKS - 2017 ROOKIE
35392 SHARSWOOD ROBO-SHARKS - 2017 ROOKIE
39547 RAMERICAN AIRLINES - 2018 ROOKIE
42790 TEAM FEDORA - 2018 ROOKIE
43301 THOMAS HOLME DRAGONS - 2018 ROOKIE
43303 FELTONVILLE TIGERS - 2018 ROOKIE
43306 HARDING MIDDLE SCHOOL - 2018 ROOKIE
43308 BALDI BULLDOGS - 2018 ROOKIE
43822 GREENBERG INNOVATORS - 2018 ROOKIE
43823 GREENBERG EXPLORERS - 2018 ROOKIE
43826 ANNE FRANK ROBUSTLERS - 2018 ROOKIE
43986 MASTERMAN DRAGONS 1 - 2018 ROOKIE
43987 MASTERMAN DRAGONS 2 - 2018 ROOKIE
43994 MASTERMAN DRAGONS 3 - 2018 ROOKIE
47480 TERMINAL R - 2019 ROOKIE

FLL Challenge

49488 RAMS 180 - 2019 ROOKIE
49853 DOBSON SCHOOL - 2019 ROOKIE
50108 FSK LEGO STARS - 2019 ROOKIE
51803 CW HENRY ELEMENTARY - 2020 ROOKIE
52015 COMLY CONQUERORS - 2020 ROOKIE
52554 BRICK BUSTERS - 2021 ROOKIE
54380 MYA-STRONG-9 - 2021 ROOKIE
54382 MORRISON MUSTANGS - 2021 ROOKIE
55027 ELECTRO BOLTZ - 2022 ROOKIE
55028 SOLAR SUPERHEROES - 2022 ROOKIE
56851 SHAWMONT ROBOTICS #1 - 2022 ROOKIE
56852 AD PRIMA - 2022 ROOKIE
57434 HARRINGTON B-1 BUILDERS - 2022 ROOKIE
57487 HOUSTON HORNET CHALLENGERS - 2022 ROOKIE
57501 WELSH1- 2022 ROOKIE
57503 WELSH2 - 2022 ROOKIE
57755 THOMAS HOLME BLAZERS - 2022 ROOKIE
57832 FARRELL - 2022 ROOKIE
57862 AD PRIMA TEAM 3 - 2022 ROOKIE

FLL Challenge

58145 MCMICHAEL - 2022 ROOKIE
58150 ETHAN ALLEN 12 - 2022 ROOKIE
58153 MARTHA WASHINGTON - 2022 ROOKIE
58154 FELTONVILLE TIGERS 2 - 2022 ROOKIE
58169 PFSS DUNBAR PHOENIX - 2022 ROOKIE
58673 A.I.DEAS - 2022 ROOKIE
58674 HYPER BRICK - 2022 ROOKIE
58759 PENNELL PANTHERS- 2022 ROOKIE
58866 CARVER MS 2 - 2022 ROOKIE
58867 TEAM LEGENDARY - 2022 ROOKIE
59013 TEAM GLOBAL - 2022 ROOKIE
59015 MARTHA WASHINGTON 2 - 2022 ROOKIE
57434 ECS 1 - 2022 ROOKIE
59143 HARDING 2 - 2022 ROOKIE
59147 PENNELL PANTHERS 2 - 2022 ROOKIE
59553 SOUTHWARK SPARKS - 2022 ROOKIE

FLL Explore

13393 DOBSON DOLPHINS - 2017 ROOKIE

19098 JR. ROBUSTLERS - 2018 ROOKIE

21078 COMLY CREATORS2 - 2019 ROOKIE

21079 HOUSTON HORNETS JR. - 2019 ROOKIE

21080 THOMAS HOLME JR. DRAGONS - 2019 ROOKIE

24087 BETHUNE JR. BEARBOTS - 2020 ROOKIE

25558 HOUSTON HORNETS EXPLORERS 3 - 2021 ROOKIE

26742 ECS 2 - 2022 ROOKIE

26747 AD PRIMA EXPLORERS - 2022 ROOKIE

26774 DOBSON DOLPHINS 2 - 2022 ROOKIE

26775 FITZPATRICK FALCONS - 2022 ROOKIE

26776 FITZPATRICK FALCONS 2 - 2022 ROOKIE

26893 FIS LITTLE TIGERS - 2022 ROOKIE

26894 PROPEL ENGINEERS - 2022 ROOKIE

26895 PHOENIX PHEATHERS - 2022 ROOKIE

FLL Explore

26896 THOMAS HOLME EXPLORERS - 2022 ROOKIE
26897 THOMAS HOLME BRICKMASTERS - 2022 ROOKIE
26941 HARRINGTON BEARS ROBOTICS - 2022 ROOKIE
26942 HARRINGTON KODAS ROBOTICS - 2022 ROOKIE
27101 ADH HEROES - 2022 ROOKIE
27423 GIRARD ENGINEERS - 2022 ROOKIE
27424 GIRARD 3 - 2022 ROOKIE
27256 HOUSTON HORNETS EXPLORERS 2 - 2022 ROOKIE
27479 SULLIVAN 1 - 2022 ROOKIE
27480 GERMANTOWN 1 - 2022 ROOKIE
27481 ZIEGLER 1 - 2022 ROOKIE
27482 GERMANTOWN 2 - 2022 ROOKIE
27483 POTTER-THOMAS 1 - 2022 ROOKIE
27484 SULLIVAN 2 - 2022 ROOKIE
27485 GERMANTOWN 3 - 2022 ROOKIE

FLL Explore

27486 GERMANTOWN 4 - 2022 ROOKIE

27487 ZIEGLER 2 - 2022 ROOKIE

27488 POTTER-THOMAS 2 - 2022 ROOKIE

27489 EMLLEN1 - 2022 ROOKIE

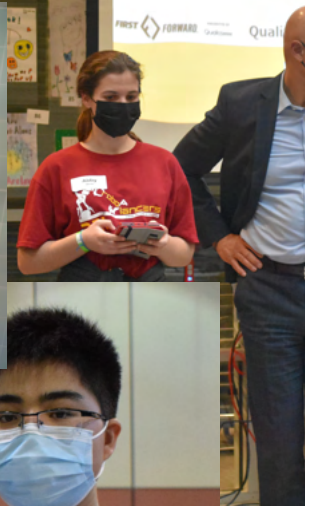
27583 COMLY CONSTRUCTION - 2022 ROOKIE

27780 EMLLEN2 - 2022 ROOKIE

27781 EMLLEN3 - 2022 ROOKIE

27782 EMLLEN5 - 2022 ROOKIE

EVENTS



Philadelphia

FIRST Tech Challenge

WORKSHOPS

KICKOFF & DESIGN IT! - SEPTEMBER 10 - 25 TEAMS

BUILD IT! - OCTOBER 8 - 25 TEAMS

PROGRAM IT! - NOVEMBER 3 - 32 TEAMS

DRIVE IT! - DECEMBER 10 - 30 TEAMS

COMPETITIONS

PHILADELPHIA SCRIMMAGE

JANUARY 6 - 24 TEAMS

PHILADELPHIA QUALIFIER

FEBRUARY 4 - 24 TEAMS

ROBOJAWN

MAY 6



PRESENTED BY  Raytheon
Technologies

2022 - 2023



Philadelphia
Robotics Coalition

Philadelphia

FIRST Tech Challenge

WORKSHOPS

BUILD IT! - OCTOBER 9 - 8 TEAMS

PROGRAM IT! - NOVEMBER 5 - 14 TEAMS

DRIVE IT! - DECEMBER 11 - 24 TEAMS

COMPETITIONS

PHILADELPHIA SCRIMMAGE
JANUARY 28 - 11 TEAMS

PHILADELPHIA QUALIFIER
FEBRUARY 5 - 18 TEAMS

ROBOJAWN
MAY 6 - 24 TEAMS



PRESENTED BY  Raytheon
Technologies

2021 - 2022



Philadelphia
Robotics Coalition

Philadelphia

FIRST Tech Challenge

WORKSHOPS

BUILD IT! - OCTOBER 5 - 14 TEAMS

PROGRAM IT! - OCTOBER 26- 15 TEAMS

DRIVE IT! - NOVEMBER 23 - 20 TEAMS

COMPETITIONS

PHILADELPHIA SCRIMMAGE
DECEMBER 14 - 22 TEAMS

PHILADELPHIA QUALIFIER
FEBRUARY 8 - 31 TEAMS



2019 - 2020

KICKOFF & DESIGN IT! - POWER PLAY

5320 ROBOLANCERS GOLD

5505 FRANKFORD PIONEERS

6540 RAILSPLITTERS

6676 ROBOLANCERS CRIMSON

7423 FLAMING PHOENIX

8480 TECHNABOTS

9791 DIVIDE BY ZERO

12308 AMBASSADOR ROBOTICS

13347 BINARY BOTS

15521 U-BOTICS

16606 TECH-KNIGHT ROBOTICS

20513 GAMMA SHIFTERS

21680 FRIENDS SELECT SCHOOL

22245 ROBOLANCERS KALE

22246 ROBOLANCERS AUBERGINE

KICKOFF & DESIGN IT! - POWER PLAY

22247 ROBOLANCERS PUMPKIN

22279 SLAMTASTIC SQUIRRELS

22280 INTO THE SLAMMER

22281 SLAMMMD

22282 SLAMPHIBIANS

22283 SLAM DUNK

22284 SLAM GREG

22285 SLAM SHADY

22424 LANKENAU BEES

BUILD IT! - POWER PLAY

5320 ROBOLANCERS GOLD
5321 TECHHEROES
5505 FRANKFORD
6540 RAIL SPLITTERS
6606 NORTHEAST HIGH SCHOOL
6676 ROBOLANCERS CRIMSON
8480 TECHNABOTS
8730 ROBOGRIFFINS
9570 TECHNABOTS
11493 ROBOLANCERS GOLD
12308 BODINE AMBASSADORS
16664 GENBOTS
16941 ROBOLANCERS COBALT
20513 GENBOTS
22245 ROBOLANCERS KALE

BUILD IT! - POWER PLAY

22246 ROBOLANCERS AUBERGINE

22247 ROBOLANCERS PUMPKIN

22279 SLAMTASTIC SQUIRRELS

22280 INTO THE SLAMMER

22281 SLAMMMD

22282 SLAMPHIBIANS

22283 SLAM DUNK

22284 SLAM GREG

22285 SLAM SHADY

PROGRAM IT! - POWER PLAY

5320 ROBOLANCERS GOLD

5321 TECH HEROES

6540 RAILSPLITTERS

6552 NORTHEAST VIKINGS

6606 MUSTANG ROBOTICS

6676 ROBOLANCERS CRIMSON

7883 IRON PATRIOTS

8480 TECHNABOTS

8730 ROBOGRIFFINS

9570 GEAR GIRLS

12308 AMBASSADORS ROBOTICS

13347 BINARY BOTS

14738 THEORETICALLY CORRECT

16664 GENBOTS

16800 TRIAL AND TERROR

PROGRAM IT! - POWER PLAY

16941 ROBOLANCERS COBALT

18572 WPHS SPEEDBOTS

20513 GAMMA SHIFTERS

21680 GEORGE FOXBOTICS

21864 THE WIRE CLIPPERS

22245 ROBOLANCERS KALE

22246 ROBOLANCERS AUBERGINE

22247 ROBOLANCERS PUMPKIN

22279 SLAMTASTIC SQUIRRELS

22280 INTO THE SLAMMER

22281 SLAMMMD

22282 SLAMPHIBIANS

22283 SLAM DUNK

22284 SLAM GREG

22285 SLAM SHADY

PROGRAM IT! - POWER PLAY

22424 LANKENAU BEES

PHILADELPHIA QUALIFIER - POWER PLAY

4914 SCH ROBOTICS

5320 ROBOLANCERS GOLD

5321 TECH HEROES

5488 ROBODRAGONS

6540 RAILSPLITTERS ★

6552 NORTHEAST HIGH SCHOOL

6606 DOBBINS FORCE

6676 ROBOLANCERS CRIMSON

7883 IRON PATRIOTS

8480 TECHNABOTS ★

8730 ROBOGRIFFINS

9570 GEARGIRLS

11493 THE ROCKETS

12308 BODINE AMBASSADORS

13347 PROJECT HOME ROBOTICS TEAM



PHILADELPHIA QUALIFIER - POWER PLAY

14738 THEORETICALLY CORRECT ★

16664 GENBOTS

16800 TRIAL AND TERROR ★

16941 ROBOLANCERS COBALT

19688 SIMPLY MACHINES

21680 FRIENDS SELECT

21864 WIRE CLIPPERS

22245 ROBOLANCERS KALE

22246 ROBOLANCERS AUBERGINE

22247 ROBOLANCERS PUMPKIN ★

22279 SLAMTASTIC SQUIRRELS

22280 INTO THE SLAMMER

22281 SLAMMMD

22282 SLAMPHIBIANS

22283 SLAM DUNK

★ Advanced to the PA State Championship

PHILADELPHIA QUALIFIER - POWER PLAY

22284 SLAM GREG

22285 SLAM SHADY

BUILD IT! - FREIGHT FRENZY

5320 ROBOLANCERS GOLD

5514 PARKWAY ROBOHOUNDS

6676 ROBOLANCERS CRIMSON

8730 ROBOGRIFFINS

12308 BODINE AMBASSADORS

13347 BINARY BOTS

16941 ROBOLANCERS COBALT

18572 WEST PHILADELPHIA SPEEDBOTS

PROGRAM IT! - FREIGHT FRENZY

4400 GEARHEAD GROUP

5320 ROBOLANCERS GOLD

5321 TECH HEROES

5514 PARKWAY ROBOHOUNDS

6066 MUSTANG ROBOTICS

6676 ROBOLANCERS CRIMSON

8480 TECHNABOTS

8730 ROBOGRIFFINS

9570 GEAR GIRLS

12308 BODINE AMBASSADORS

13347 BINARY BOTS

13378 FLC ROBOCATS

16941 ROBOLANCERS COBALT

18572 WEST PHILADELPHIA SPEEDBOTS

DRIVE IT! - FREIGHT FRENZY

4400 GEARHEAD GROUP
5320 ROBOLANCERS GOLD
5321 TECH HEROES
5488 ROBO DRAGONS
5505 5505 FRANKFORD
5514 PARKWAY ROBOHOUNDS
6540 RAILSPLITTER
6676 ROBOLANCERS CRIMSON
7883 IRON PATRIOTS
8480 TECHNABOTS
8730 ROBOGRIFFINS
9222 O'HARA ROBOTICS
9570 GEAR GIRLS
12308 BODINE AMBASSADORS
13347 BINARY BOTS

DRIVE IT! - FREIGHT FRENZY

13378 FLC ROBOCATS

15521 U-BOTICS

16941 ROBOLANCERS COBALT

18572 WEST PHILADELPHIA SPEEDBOTS

19698 FELS STEAM PUNKS

PHILADELPHIA SCRIMMAGE - FREIGHT FRENZY

5320 ROBOLANCERS GOLD

5321 TECH HEROES

5488 ROBODRAGONS

6540 RAILSPLITTER

6676 ROBOLANCERS CRIMSON

8730 ROBOGRIFFINS

9570 GEAR GIRLS

12308 BODINE AMBASSADORS

13347 THE BINARY BOTS

13378 FLC ROBOCATS

16941 ROBOLANCERS COBALT

PHILADELPHIA QUALIFIER - FREIGHT FRENZY

5320 ROBOLANCERS GOLD

5321 TECH HEROES

5488 ROBODRAGONS

5514 PARKWAY ROBOHOUNDS

6540 RAILSPLITTER

6606 MUSTANG ROBOTICS

6676 ROBOLANCERS CRIMSON

8480 TECHNABOTS

8730 ROBOGRIFFINS

9570 GEAR GIRLS

11493 THE ROCKETS

12308 AMBASSADOR ROBOTICS

13378 FLC ROBOCATS

14738 THEORETICALLY CORRECT

16664 GENBOTS

PHILADELPHIA QUALIFIER - FREIGHT FRENZY

16800 TRIAL AND TERROR

16941 ROBOLANCERS COBALT

19688 SIMPLY MACHINES



ROBOJAWN - FREIGHT FRENZY

5320 ROBOLANCERS GOLD
5321 TECHHEROES
5505 FORDFRANK
5514 PARKWAY ROBOHOUNDS
6540 RAIL SPLITTERS
6606 DOBBINS FORCE
6676 ROBOLANCERS CRIMSON
8480 TECHNABOTS
8730 ROBOGRIFFINS
9570 GEAR GIRLS
11493 ROBOLANCERS GOLD
12308 BODINE AMBASSADORS
16664 GENBOTS
16941 ROBOLANCERS COBALT
20513 THE GAMMA SHIFTERS

ROBOJAWN - FREIGHT FRENZY

22279 SLAM ROBOTICS 1

22280 SLAM ROBOTICS 2

22281 SLAM ROBOTICS 3

BUILD IT! - SKYSTONE

5320 ROBOLANCERS GOLD

5321 TECH HEROES

5514 PARKWAY ROBOHOUNDS

6540 RAILSPLITTER

6606 DOBBINS CYBER MUSTANGS

6676 ROBOLANCERS CRIMSON

8480 TECHNABOTS

9570 GEAR GIRLS

12308 BODINE AMBASSADORS

13347 BINARY BOTS

16606 TECH KNIGHTS

16663 HIGH SCHOOL OF THE FUTURE

16664 GENBOTS

16666 FRANKLIN STEINS

PROGRAM IT! - SKYSTONE

5320 ROBOLANCERS GOLD
5321 TECH HEROES
5514 PARKWAY ROBOHOUNDS
6606 DOBBINS CYBER MUSTANGS
6676 ROBOLANCERS CRIMSON
8480 TECHNABOTS
8730 ROBOGRIFFINS
9570 GEAR GIRLS
11493 UPSIDE DOWN
12308 BODINE AMBASSADORS
13347 BINARY BOTS
14553 TERTIUS OCULUS
16661 MANSION ROBOKNIGHTS
16663 HIGH SCHOOL OF THE FUTURE
16666 FRANKLIN STEINS

DRIVE IT! - SKYSTONE

5320 ROBOLANCERS GOLD
5321 TECH HEROES
5514 PARKWAY ROBOHOUNDS
6540 RAILSPLITTER
6676 ROBOLANCERS CRIMSON
8480 TECHNABOTS
8730 ROBOGRIFFINS
9568 OLNEY TROJAN ROBOTICS
9570 GEAR GIRLS
11493 UPSIDE DOWN
12308 BODINE AMBASSADORS
13347 BINARY BOTS
14553 TERTIUS OCULUS
15521 U-BOTICS
16661 MANSION ROBOKNIGHTS

DRIVE IT! - SKYSTONE

16663 HIGH SCHOOL OF THE FUTURE

16665 FALCON ROBOTICS

16941 WRENCH TOAST

17644 CCSA SABERS

PHILADELPHIA SCRIMMAGE - SKYSTONE

5320 ROBOLANCERS GOLD
5321 TECH HEROES
5488 FREIRE ROBODRAGONS
5514 PARKWAY ROBOHOUNDS
5862 TECHNO TIGERS
6540 RAILSPLITTER
6676 ROBOLANCERS CRIMSON
7883 IRON PATRIOTS
8480 TECHNABOTS
8730 ROBOGRIFFINS
9568 OLNEY TROJAN ROBOTCS
9570 GEAR GIRLS
11154 WIDENER-CHESTER
11493 UPSIDE DOWN
12308 BODINE AMBASSADORS

PHILADELPHIA SCRIMMAGE - SKYSTONE

14553 TERTIUS OCULUS

14738 COUGARS

15521 U-BOTICS

16663 HIGH SCHOOL OF THE FUTURE

16665 FALCON ROBOTICS

16800 CALVARYROBOT

16943 WRENCH TOAST

PHILADELPHIA QUALIFIER - SKYSTONE

4400 GEARHEAD GROUP
5320 ROBOLANCERS GOLD
5321 TECH HEROES
5488 FRIERE ROBODRAGONS
5514 PARKWAY ROBOHOUNDS
6540 RAILSPLITTER
6552 N.E.R.D.S.
6606 CYBER MUSTANGS
6676 ROBOLANCERS CRIMSON
7883 IRON PATRIOTS
8480 TECHNABOTS
8730 ROBOGRIFFINS
9568 OLNEY TROJAN ROBOTICS
9570 GEAR GIRLS
9734 JASAVA

PHILADELPHIA QUALIFIER - SKYSTONE

9854 PENN CHARTER ROBOTICS
10002 MS. STEMBOT
11154 WIDENER-CHESTER
11493 UPSIDE DOWN
12084 REALLY... SIMPLE MACHINES
12308 BODINE AMBASSADORS
12455 WORKSHOP
13347 BINARY BOTS
14738 COUGARS
15521 U-BOTICS
16661 MANSION ROBOKNIGHTS
16663 HIGH SCHOOL OF THE FUTURE
16664 GENBOTS
16665 FALCON ROBOTICS
16800 CALVARYROBOT

PHILADELPHIA QUALIFIER - SKYSTONE

16941 WRENCH TOAST

Philadelphia

FIRST LEGO League



2022 - 2023

FLL CHALLENGE

PHILADELPHIA QUALIFIER 1
DECEMBER 10 - 24 TEAMS

PHILADELPHIA QUALIFIER 2
DECEMBER 11 - 22 TEAMS

ROBOJAWN
FEBRUARY 18

FLL EXPLORE

PHILADELPHIA EXPO 1
DECEMBER 10 - 24 TEAMS

PHILADELPHIA EXPO 2
DECEMBER 11 - 13 TEAMS

ROBOJAWN
FEBRUARY 18

Philadelphia

FIRST LEGO League



FLL CHALLENGE

PHILADELPHIA QUALIFIER
JANUARY 6 - 24 TEAMS

ROBOJAWN
MAY 26 - 13 TEAMS

FLL EXPLORE

PHILADELPHIA EXPO
JANUARY 6 - 24 TEAMS

2021 - 2022

PHILADELPHIA QUALIFIER 1 - SUPERPOWERED

31597 ROBOT, INC.

42790 TEAM FEDORA

43301 THOMAS HOLMES DRAGONS

43308 BALDI BULLDOGS

43986 MASTERMAN DRAGONS 1 ★

43987 MASTERMAN DRAGONS 2

43994 MASTERMAN DRAGONS 3

51803 CW HENRY ROBOTICS

52015 COMLY CONQUERORS ★

52554 BRICK BUSTERS ★

54380 MYA-STRONG-9

55027 TIGERTASTIC

55028 SOLAR SUPERHEROES

56851 SHAWMONT ROBOTICS #1

56852 AD PRIMA

★ Advanced to the Regional Championship

PHILADELPHIA QUALIFIER 1 - SUPERPOWERED

57434 HARRINGTON B-1 BUILDERS

57487 HOUSTON HORNETS CHALLENGERS ★

43301 THOMAS HOLMES DRAGONS

57832 FARRELL

58145 MCMICHAEL

58153 MARTHA WASHINGTON ★

58169 PFSS-DUNBAR PHOENIX

58673 A.I.DEAS

58674 HYPER BRICK ★

★ Advanced to the Regional Championship

PHILADELPHIA QUALIFIER 2 - SUPERPOWERED

9891 PAS SPARTANS ★
35390 PAS ROBOTIC DUCKS ★
43303 FELTONVILLE TIGERS
43306 HARDING MIDDLE SCHOOL
43822 GREENBERG INNOVATORS ★
43823 GREENBERG EXPLORERS ★
49853 DOBSON SCHOOL
50108 FSK LEGO STARS
54382 MORRISON SCHOOL
57430 ECS 1-THE TEAM TIGERS ★
57501 WELSH1
57862 AD PRIMA TEAM 3
58154 FELTONVILLE TIGERS 2
58759 PENNELL PANTHERS
58866 CARVER MS ROBOTICS

★ Advanced to the Regional Championship

PHILADELPHIA QUALIFIER 2 - SUPERPOWERED

58867 TEAM LEGENDARY

59013 TEAM GLOBAL

59015 MARTHA WASHINGTON 2

59143 HARDING 2

59147 PENNELL PANTHERS 2

59299 STAZ (C11)

59300 BOB THE BUILDER (C6)

★ Advanced to the Regional Championship

PHILADELPHIA EXPO 1 - SUPERPOWERED

21078 COMLY CREATORS2

21079 HOUSTON HORNETS EXPLORERS 1

21080 THOMAS HOLME JR. DRAGONS

24087 BETHUNE JR. BEARBOTS

25558 HOUSTON HORNETS EXPLORERS 3

26747 AD PRIMA EXPLORERS

26775 FITZPATRICK FALCONS

26776 FITZPATRICK FALCONS2

26894 PROPEL ENGINEERS

26895 PHOENIX PHEATHERS

26896 THOMAS HOLME EXPLORERS

26897 THOMAS HOLME BRICKMASTERS

26941 HARRINGTON BEARS ROBOTICS TEAM

26942 HARRINGTON KODAS ROBOTICS TEAM

27256 HOUSTON HORNETS EXPLORERS 2

PHILADELPHIA EXPO 1 - SUPERPOWERED

27479 SULLIVAN 1

27481 ZIEGLER 1

27484 SULLIVAN 2

27485 GERMANTOWN 3

27486 GERMANTOWN 4

27487 ZIEGLER 2

27583 COMLY CONSTRUCTION

26895 PHOENIX PHEATHERS

26941 HARRINGTON BEARS ROBOTICS TEAM

PHILADELPHIA EXPO 2 - SUPERPOWERED

13393 DOBSON DOLPHINS

19502 ROBOCITY

26742 ECS 2-THE 5 BUILDERS

26774 DOBSON DOLPHINS 2

26893 FIS LITTLE TIGERS

27422 GIRARD 2

27423 GIRARD 1

27424 GIRARD 3

27425 GIRARD 4

27478 FELTONVILLE LITTLE TIGERS 2

27839 THE LIL' RAPPERS (E8)

27841 SPIKE (E10)

27842 KINGS AND QUEENS (E11)

ROBOJAWN FLL CHALLENGE - CARGO CONNECT

29214 PASTORIUS COUGARS

35392 SHARSWOOD ROBO-SHARKS

37890 BIONIC BULLDOGS

43301 THOMAS HOLMES DRAGONS

47842 SNUTGIR-STRYKERS

50106 COOK WISSAHICKON

51389 SUPERNOVA

51390 THE SPIKERS

51803 CW HENRY ROBOTICS

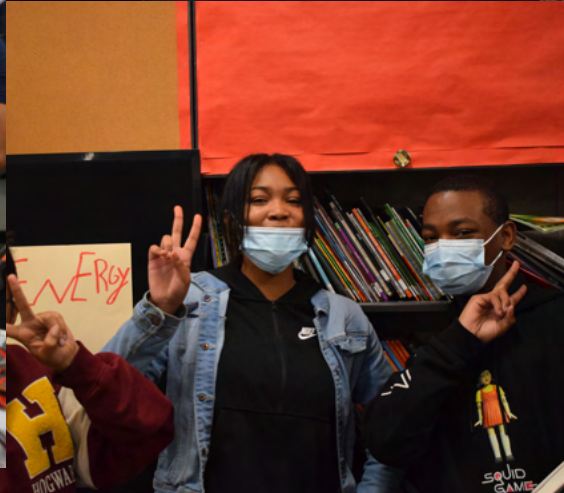
52738 TRACKING ROBOTICS

53456 COUNCIL ROCK CHALLENGE

54380 MYA-STRONG-9

54382 MORRISON SCHOOL

PROGRAMS



Schoolwide Programs

343 Students



DISCOVER

56 Students

Kindergarten & 1st Grade



EXPLORE

90 Students

2nd - 4th Grade



CHALLENGE

197 Students

5th - 8th Grade



The Hamilton Program is our version of full school FIRST LEGO League that we have implemented at Andrew Hamilton Elementary School. Students participated in all elements of their age appropriate program. Students in FLL Explore and FLL Challenge participated in an internal qualification tournament on November 30th from which a few teams per program advanced to the Philadelphia RQT or the Philadelphia Explore Expo.

From: Metro Philadelphia

Andrew Hamilton School helps students build opportunities with LEGO competition – Metro Philadelphia

12/1/22, 7:34 AM

Andrew Hamilton School helps students build opportunities with LEGO competition

By [Eric Moody](#) November 30, 2022



Local students were on a roll during Wednesday's LEGO competition in West Philly.

Andrew Hamilton School teamed up with the School District of Philadelphia and [Philadelphia Robotics Coalition](#) to host its first-ever [FIRST LEGO League competition](#) in an effort to improve STEM education resources for students.

<https://metrophiladelphia.com/andrew-hamilton-school-lego-competition/>

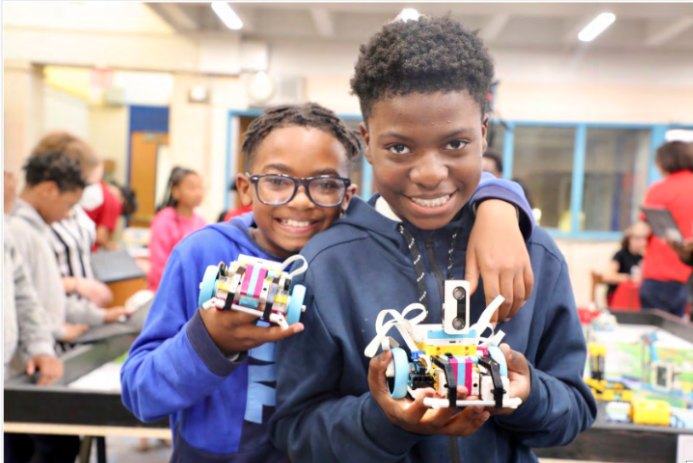
Page 1 of 5

From: Metro Philadelphia

Andrew Hamilton School helps students build opportunities with LEGO competition - Metro Philadelphia

12/1/22, 7:34 AM

The competition, which has been hosted in other school district high school events, features a hands-on STEM competition designed to inspire young children through fun challenges and competitions.



SCHOOL DISTRICT OF PHILADELPHIA

Central High School robotics students helped staff the event and provided mentorship.

"STEM is so critical for the learning of students going into the 21st century. Some of the jobs they will have don't even exist yet. So they need the skills that are there, whether they are able to code or problem solve, but more important is working together as a team," said Mark Paikoff, a digital literacy teacher and science technology coordinator at Andrew Hamilton.

The competition comes just a week before the nation's [Computer Science](#)

<https://metrophiladelphia.com/andrew-hamilton-school-lego-competition/>

Andrew Hamilton School helps students build opportunities with LEGO competition - Metro Philadelphia

12/1/22, 7:34 AM

[Education Week](#), which serves as an annual call to action to inspire k-12 students to learn computer science and advocate for equity.



SCHOOL DISTRICT OF PHILADELPHIA

Andrew Hamilton School Principal Torrence Rothmiller says the competition builds on the school's overall vision to provide every student with exposure and experience to robotics and computer science through cross-curricular, project-based learning.

"I'm excited about it. Mark (Paikoff) brought it to me at the beginning of the year because I charged him with taking over our computer program and bringing it into 21st-century learning," said Rothmiller.

The West Philadelphia middle school has become the only K-8 school in the district to infuse robotics throughout its curriculum in every grade level.

<https://metrophiladelphia.com/andrew-hamilton-school-lego-competition/>

Page 3 of 5

From: Metro Philadelphia

Andrew Hamilton School helps students build opportunities with LEGO competition – Metro Philadelphia

12/1/22, 7:34 AM

While it was viewed as a difficult task for the younger grade classes, the middle school incorporated the LEGO competition into their curriculum for all grade levels to expose students to robotics, coding, teamwork, and digital citizenship.



SCHOOL DISTRICT OF PHILADELPHIA

This new curriculum is a part of a three-tier level learning approach centered around STEM that would rotate different grade levels semesterly.

- 'Discover' for younger grades
- 'Explore' for grades 3 and 4
- 'Challenge' for grades 6 and 7 (who would compete in citywide competition events)

Assistant principal Devon Madison says the curriculum has been engaging

<https://metrophiladelphia.com/andrew-hamilton-school-lego-competition/>

Page 4

Andrew Hamilton School helps students build opportunities with LEGO competition – Metro Philadelphia

12/1/22, 7:34 AM

and staff members say the morale at the school overall has risen significantly, with students volunteering more consistently to participate in after-school STEM activities.

"That excitement drives our instruction," adds Rothmiller. "Our mission and vision remain clear and plain. We want to be a place where students want to come, and parents feel safe sending them."

The [Philadelphia Robotics Coalition](#), which supports robotics programs that serve Philadelphia students through various programming, will host The Philadelphia *FIRST* Robotics Tournament Saturday, Dec. 10, at Central High School.

A total of 75 Philadelphia teams will compete, spanning, from grades 2-12.

<https://metrophiladelphia.com/andrew-hamilton-school-lego-competition/>

Page 5 of 5

From: CBS Philadelphia

Andrew Hamilton School holds 1st ever LEGO League robotics competition - CBS Philadelphia

12/1/22, 7:51 AM

Andrew Hamilton School holds 1st ever LEGO League robotics competition

November 30, 2022 / 2:53 PM



By Vittoria Woodill

PHILADELPHIA (CBS) - Students from West Philadelphia took part in their school's first-ever robotics competition Wednesday. The event, done in partnership with the [Philadelphia Robotics Coalition](#) is part of the school's digital literacy curriculum.

It aims to expose students to robotics, coding, and teamwork. It may look like all fun and games but for these West Philadelphia whiz kids at the [Andrew Hamilton School](#), they were focused and determined to win in the school's first-ever [LEGO League robotics](#) competition.

"We weren't playing around, we were working hard!" one student said.

Hamilton is the only school in the district with a K-8 robotics curriculum of robotics. And these clever coders have spent months tinkering and tweaking.

"It needed to have a sensor, it needed to be able to be functional for us to use it," another student said.

While at the same time learning the building blocks of project-based STEM

<https://www.cbsnews.com/philadelphia/news/andrew-hamilton-school-holds-1st-ever-lego-league-competition/>

This article was accompanied by a news video.

Andrew Hamilton School holds 1st ever LEGO League robotics competition - CBS Philadelphia

12/1/22, 7:51 AM

learning.

Digital literacy teacher Mark Paikoff explains, "They needed to work on forming a team together that took some time. They needed to work on building their confidence and realizing there's a lot of trial and error involved, and the skill that is very critical is problem-solving. The jobs these students have don't exist yet so getting those skills and that skill set together that's really going to help them as they get older and move on and I can't wait to see where they go with this."

Reporter Vittoria Woodill: What did it take to win today?

"Teamwork and confidence," a student responded.

"When you believe in your children they will exceed anything you can hope and dream and today shows that," Principal Torrence Rothmiller said.

In:

- [Philadelphia](#)

[Vittoria Woodill](#)

The versatile Vittoria Woodill appears on CBS3 Eyewitness News team as feature reporter on a variety of segments, including "Taste with Tori," which gives viewers a tour of the region's great eats and the people behind them.

First published on November 30, 2022 / 2:53 PM

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<https://www.cbsnews.com/philadelphia/news/andrew-hamilton-school-holds-1st-ever-lego-league-competition/>

Page 2 of 2

RoboJawn

- **Additional competitive opportunities**
- **In-depth judging feedback**
- **Encouraging FIRST culture of Gracious Professionalism and spirit**
- **FTC, FLL Challenge, FLL Explore**



From: Technica.ly

What a high school robotics tournament says about the future of tech talent

The Saturday event from the Philadelphia Robotics Coalition during Philly Tech Week is a sign of the future.

What a high school robotics tournament says about the future of tech talent



By [Harper Leary](#) / contributor



Students and referees stand around the RoboJawn competition ring.

(Gif by Harper Leary)

A student's last name has been censored upon their request.

Inside a basement gym Saturday morning, high schooler Lilyanna ██████ was decorated in paint and rhinestones.

Laughing with friends, she was watching one of the four teenagers controlling robots they helped build, trying to beat their opponents in one challenge or another. ██████ is a co-captain of one of four teams from prestigious **Central High School**. In that way, ██████ is both exceptional, and representative. After decades of effort to boost science, tech and engineering talent, robotics programs remain an important early part of the journey.

"The students are the products, not the robots," said **Michael Johnson**, a teacher at Central, which has one of Philadelphia's most established robotics programs. Johnson meant no slight to his students, just an acknowledgment of how the students are the focus of the team, not the robots — despite the cheers these little machines can attract.

Robotics education on the rise

American employers [urgently](#) need engineering talent. Though much attention is paid to career changers and other existing professionals, many have long focused on increasing the number of students participating in [early STEM programs](#). Across the country, robotics programs are growing, and they both serve as extracurricular activities for students and are increasingly seen as an on-ramp to careers in technology and engineering.

From: Technica.ly



RoboJawn robots. (Photo by Harper Leary)

Those students, including [REDACTED], were at Central as part of [RoboJawn](#), a robotics tournament organized by the [Philadelphia Robotics Coalition](#) as part of the 12th annual [Philly Tech Week presented by Comcast](#). The scene is increasingly familiar in Philadelphia and represents a significant trend.

Since it was founded in 1989, more than 2.5 million kids ages 4 to 18 from more than 100 countries have participated in programs associated with [FIRST Robotics](#), one of the world's largest and oldest such nonprofits, [according to the org](#). The group says their students are almost twice as likely to end up in a STEM field. Locally, the Philadelphia Robotics Coalition has consolidated into the city's preeminent organizer of various programs, clubs and efforts. Last year, the once all-volunteer effort [hired its first executive director, Robin Walker](#), to spearhead future growth. Saturday is the continuation of that work.

The 19 teams in the Central basement gym were there for the title of Philadelphia Robotics Champion, but also represent a much larger picture.

STEM education for better representation

The tech industry has two related challenges: too few skilled professionals generally, and lagging progress in expanding those ranks with women and Black and brown technologists. Youth engagement in STEM skills is considered a necessary part of long term change, per PRC's Walker. Women make up just a quarter of computer science-related jobs, and Black workers are just 9% of STEM roles, [according to Pew Research](#).

The Central team co-captained by [REDACTED], who lives in West Philadelphia, is part of that trend.

"Our team is mostly girls and our sister teams aren't," she said. "We've had to experience some of those effects. But we've been able to work together to learn how to confront those issues."

From: Technica.ly



Students and referees stand around the RoboJawn competition ring. (Photo by Harper Leary)

In Philadelphia, the Coalition’s mission is to “build an ecosystem that supports the next generation of STEM and community leaders,” all while giving the teams the same amount of grant money to work from. As Walker put it, they allow schools with less funding or members to participate on a “level playing field” — while introducing young girls and people of color to the hands-on experience STEM has to offer.

■■■■■, who lives in West Philadelphia, is a co-captain of a mostly girls team as a freshman at Central. She’s interested in rocket engineering and possibly physics and knows her experience throughout this year is preparing her for the difficulties of the field. She wants to be an astronaut.

“It’s been really helpful as a woman in STEM to be able to work with a whole team of other girls,” ■■■■■ said. “Just learning how to do it.”

From: BDPA



Students inspect and calibrate their robots for RoboJawn 2022 bdpatooday photo © 2022

Similar to an official tournament, teams are interviewed by a panel of judges, and submit an engineering portfolio, to vie for judged awards.

Central High School in Philadelphia, PA hosted this year's **RoboJawn**. For this year's off-season competitions, **bdpatoday** co-sponsored Central High School's and Philadelphia High School for Girls' RoboJawn teams.

For upcoming **RoboJawn** events, visit → <https://roboticscoalition.org/>

— Source: Philadelphia Robotics Coalition | Cover photo: bdpatooday

bdpatoday®



COMPETITION, ENGINEERING, PHILADELPHIA, ROBOJAWN, ROBOTICS, SMARTCITY, SOFTWARE, STEM, TECH-INCLUSION, TECHNOLOGY

Robots Compete during RoboJawn as Philly Tech Week Returns

PHILADELPHIA — Robots take the field for their initial rounds of competition during RoboJawn '22. FIRST Tech Challenge **RoboJawn** is similar to an official tournament in many ways.

Teams bring their robots and their Gracious Professionalism to compete in this year's **FREIGHT FRENZY** challenge following FIRST's challenge rules.

Summer Camps

Camps are FREE as they provide STEM education to underrepresented populations.

3 Sites with



PHILADELPHIA
PARKS &
RECREATION

1 Site with



INSPIRING MINDS

60+ Students

- built and programmed Spike Prime robots in small groups
- received robotics education as an integrated element of established programs
- learned about how to participate in FIRST during the school year

Summer Camps



Coach Training

5 Training Sessions

**2 FLL Explore
2 FLL Challenge
1 FTC**



**13 FLL Explore
24 FLL Challenge
10 FTC**

**47 Coaches
Trained**

Attendees

FLL Explore

Name	Teams
Christine Bush	21079, 25558, 27256
Nicole Heyward	13393, 26774
Ia Houston	26893
Katherine Lanpher	26775, 26776
Christine O'Mallay	26894, 26895
Nichole Troy	21080, 26896, 26897
Sharmaine Wilson	26941, 26942, 27101
Marianne Marino	24087
Diane Balanovich	24087
Allisa Davis	26941, 26942, 27101
Andrea Domsy	19098
Mana Myers	27424, 27425
Monty Yellock	27422, 27423, 27424, 27425

FTC

Name	Teams
Vicki Baker	8480
Lee Burwaser	8370
Raheem Chowdhury	9568
Michael Cione	6552
Reese Cogswell	20513
Kai Flowers	6606
Paula Miller	6540
Laura Williams	12308
Brendon Zimmie	18572
Zachary Minken	

Attendees

FLL Challenge

Name	Teams
Lori Abernathy	43301, 57755
Bernadette Banaszak	56851
Christine Bush	57487
Veronica Clymer	54380
Zoe Finkelstein	57501, 57503
Tracy Gaal	58759, 59147
Margaret Hanley	
Ia Houston	43303, 58154
Charlene Jablow	56851
Traci McCabe	58150
Nola Norris-Green	58145
Lauren O'Doherty	35392

Name	Teams
Robert Rivera-Amezola	50108
Mimi Romeo	43986, 43987, 43994
Nichole Troy	43301, 57755
Lisa Yau	50108
Maliha Chowdhury	43308
David Dekorte	28346, 58866
Chris Forbes-Nicotera	57434
Eric Gold	54382
Eric Milask	59143
Jeffery Segrest	43822, 43823
Kyle Williams	43306, 59143
Ronnell Willson	28346, 58866

UPCOMING

HackaJawn

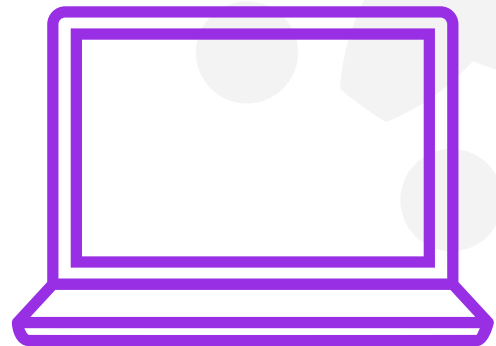
24 Hours
2 Competitions
100 Students

FLL Marathon



- High school competitors
- Python code
- FLL Workshops

Hackathon



- Open ended coding
- Judging and prizes
- Coding workshops

WiRE

Women in Robotics and Engineering

- Small group program (10-15)
- Middle school girls
- After school for 12-weeks
- Guest lessons by women in engineering fields



Aerospace, electrical,
mechanical, software,
civil, biomedical,
chemical, earth
resources, agricultural,
and environmental
engineering!

DOCUMENTS

- 3.2. Both Lead Mentor/Coaches must take the equity, diversity and inclusion training offered by FIRST.
 - 3.3. The Team and PRC agree to share the responsibility of recruiting adult mentors to support the Team. The Team agrees to maintain active regular communication with mentors, once recruited.
 - 3.4. The Team and PRC agree to establish a predetermined schedule to provide a minimum level of support. This will consist of a combination of in person and virtual visits from PRC staff, student mentors, and adult mentors from the community.
- 4. Reporting**
- 4.1. The Team agrees to take student attendance at team meetings and events, and to produce these records on request.
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 - 4.3. The Team agrees to submit a year-end report to PRC. The report format will be provided by April 1st and the report is due May 1st.
 - 4.4. All active student team members must complete an end-of-year survey for PRC. The survey will be made available by April 1st and must be completed by May 1st.
 - 4.5. All coaches, mentors, and active student team members must complete an evaluation survey for FIRST, on a timeline to be determined by FIRST.
- 5. Media and Acknowledgement**
- 5.1. The Team agrees to publicly acknowledge PRC and any other Team sponsors by using the PRC and other sponsor logos on Team T-shirts, website, and social media pages.
 - 5.2. The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
 - 5.3. All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.
- 6. Termination and Renewal**
- 6.1. This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
 - 6.2. The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

Kai Flowers
 Kai Flowers
 Lead Mentor/Coach
 Date: Aug 24, 2022

Sherven Thompson
 Sherven Thompson
 Principal
 Date: 8.24.2022

FTC 6606

- 3.2. Both Lead Mentor/Coaches must take the equity, diversity and inclusion training offered by FIRST.
 - 3.3. The Team and PRC agree to share the responsibility of recruiting adult mentors to support the Team. The Team agrees to maintain active regular communication with mentors, once recruited.
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Philadelphia
 Robotics Coalition
 Team Support Agreement
 2022-2023 Season

Michael Johnson
 Michael Johnson
 Lead Mentor/Coach
 Date: 8/26/22

Michael Johnson
 Michael Johnson
 Lead Mentor/Coach
 Date: 8/26/22

FTC 6676

- 3.2. Both Lead Mentor/Coaches must take the equity, diversity and inclusion training offered by FIRST.
 - 3.3. The Team and PRC agree to share the responsibility of recruiting adult mentors to support the Team. The Team agrees to maintain active regular communication with mentors, once recruited.
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By signing below, I agree to the terms enumerated above.

Michael Johnson
 Michael Johnson
 Lead Mentor/Coach
 Date: 8/26/22

Michael Johnson
 Michael Johnson
 Lead Mentor/Coach
 Date: 8/26/22

FTC 8480

- 3.2. Both Lead Mentor/Coaches must take the equity, diversity and inclusion training offered by FIRST.
 - 3.3. The Team and PRC agree to share the responsibility of recruiting adult mentors to support the Team. The Team agrees to maintain active regular communication with mentors, once recruited.
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Philadelphia
 Robotics Coalition
 Team Support Agreement
 2022-2023 Season

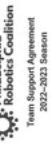
Michael Johnson
 Michael Johnson
 Lead Mentor/Coach
 Date: 8/26/22

Michael Johnson
 Michael Johnson
 Lead Mentor/Coach
 Date: 8/26/22

FTC 8730



2022 - 2023



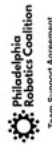
Team Support Agreement 2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST Tech Challenge team of Chenyi High School (Team 12308) for the 2022-2023 season, according to the following terms:

- 1. Team Account
2. Team Expenses
3. Team Support
4. Media and Acknowledgment
5. Membership and Participation
6. Reporting

By signing below, I agree to the terms enumerated above.
Liam Williams, Coach
Date: 4/11/2022

FTC 12308



Team Support Agreement 2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST Tech Challenge team of Project 13347 for the 2022-2023 season, according to the following terms:

- 1. Team Account
2. Team Expenses
3. Team Support
4. Media and Acknowledgment
5. Membership and Participation
6. Reporting

By signing below, I agree to the terms enumerated above.
Liam Williams, Coach
Date: 4/11/2022

FTC 13347



Team Support Agreement 2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST Tech Challenge team of Chenyi High School (Team 9568) for the 2022-2023 season, according to the following terms:

- 1. Team Account
2. Team Expenses
3. Team Support
4. Media and Acknowledgment
5. Membership and Participation
6. Reporting

By signing below, I agree to the terms enumerated above.
Liam Williams, Coach
Date: 4/11/2022

FTC 9568



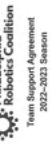
Team Support Agreement 2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST Tech Challenge team of Chenyi High School (Team 9570) for the 2022-2023 season, according to the following terms:

- 1. Team Account
2. Team Expenses
3. Team Support
4. Media and Acknowledgment
5. Membership and Participation
6. Reporting

By signing below, I agree to the terms enumerated above.
Liam Williams, Coach
Date: 4/11/2022

FTC 9570



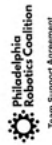
Team Support Agreement 2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST Tech Challenge team of Benham Middle School (Team 13347) for the 2022-2023 season, according to the following terms:

- 1. Team Account
2. Team Expenses
3. Team Support
4. Media and Acknowledgment
5. Membership and Participation
6. Reporting

By signing below, I agree to the terms enumerated above.
Liam Williams, Coach
Date: 4/11/2022

FTC 12308



Team Support Agreement 2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST Tech Challenge team of Benham Middle School (Team 13347) for the 2022-2023 season, according to the following terms:

- 1. Team Account
2. Team Expenses
3. Team Support
4. Media and Acknowledgment
5. Membership and Participation
6. Reporting

By signing below, I agree to the terms enumerated above.
Liam Williams, Coach
Date: 4/11/2022

FTC 13347



Philadelphia Robotics Coalition

2022 - 2023

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST Tech Challenge team at Central High School (Team 15521) for the 2022-2023 season, according to the following terms:

- Team Support:** PRC will provide \$1000 to the team. PRC will provide 1000 in-kind support, including but not limited to:
 - Team registration fees, travel, meals, accommodations, and other expenses.
 - Team transportation to and from events.
 - Team meals and snacks during events.
 - Team travel to and from events.
 - Team registration fees.
 - Team registration fees.
- Team Support:** PRC will provide 1000 in-kind support, including but not limited to:
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 - Team transportation to and from events.
 - Team meals and snacks during events.
 - Team travel to and from events.
 - Team registration fees.
 - Team registration fees.

By signing below, I agree to the terms enumerated above.

Michael Mander
Lead Mentor/Coach
Date: 8/15/2022

Brianna Dunn-Robb
Principal
Date: 8/15/2022

2

FTC 15521

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST Tech Challenge team at Central High School (Team 16664) for the 2022-2023 season, according to the following terms:

- Team Support:** PRC will provide \$1000 to the team. PRC will provide 1000 in-kind support, including but not limited to:
 - Team registration fees, travel, meals, accommodations, and other expenses.
 - Team transportation to and from events.
 - Team meals and snacks during events.
 - Team travel to and from events.
 - Team registration fees.
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- Team Support:** PRC will provide 1000 in-kind support, including but not limited to:
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 - Team registration fees, travel, meals, accommodations, and other expenses.
 - Team transportation to and from events.
 - Team meals and snacks during events.
 - Team travel to and from events.
 - Team registration fees.
 - Team registration fees.

By signing below, I agree to the terms enumerated above.

Michael Mander
Lead Mentor/Coach
Date: 6/15/22

Brianna Dunn-Robb
Principal
Date: 6/15/22

2

FTC 16664

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST Tech Challenge team at Central High School (Team 16941) for the 2022-2023 season, according to the following terms:

- Team Support:** PRC will provide \$1000 to the team. PRC will provide 1000 in-kind support, including but not limited to:
 - Team registration fees, travel, meals, accommodations, and other expenses.
 - Team transportation to and from events.
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- Team Support:** PRC will provide 1000 in-kind support, including but not limited to:
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- Team Support:** PRC will provide 1000 in-kind support, including but not limited to:
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 - Team transportation to and from events.
 - Team meals and snacks during events.
 - Team travel to and from events.
 - Team registration fees.
 - Team registration fees.

By signing below, I agree to the terms enumerated above.

Michael Mander
Lead Mentor/Coach
Date: 8/15/22

Brianna Dunn-Robb
Principal
Date: 8/15/22

2

FTC 16941

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST Tech Challenge team at Central High School (Team 18572) for the 2022-2023 season, according to the following terms:

- Team Support:** PRC will provide \$1000 to the team. PRC will provide 1000 in-kind support, including but not limited to:
 - Team registration fees, travel, meals, accommodations, and other expenses.
 - Team transportation to and from events.
 - Team meals and snacks during events.
 - Team travel to and from events.
 - Team registration fees.
 - Team registration fees.
- Team Support:** PRC will provide 1000 in-kind support, including but not limited to:
 - Team registration fees, travel, meals, accommodations, and other expenses.
 - Team transportation to and from events.
 - Team meals and snacks during events.
 - Team travel to and from events.
 - Team registration fees.
 - Team registration fees.
- Team Support:** PRC will provide 1000 in-kind support, including but not limited to:
 - Team registration fees, travel, meals, accommodations, and other expenses.
 - Team transportation to and from events.
 - Team meals and snacks during events.
 - Team travel to and from events.
 - Team registration fees.
 - Team registration fees.

By signing below, I agree to the terms enumerated above.

Brendan Zimmie
Lead Mentor/Coach
Date: 9/16/2022

Maria Travis
Principal
Date: 9/23/2022

2

FTC 18572



2022 - 2023



Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League Challenge team at Middlesex Middle High School (Team 43826) for the 2022-2023 season, according to the following terms:

- Team Account**
 - The PRC will register an FLL Program Coordinator as Team Administrator in the MyFLL system.
 - PRC will pay the team's registration fees to FIRST purchase Challenge Sets, and pay PRC will provide up to \$200 for the following: team expenses (park, technology, project materials, etc.), and other expenses (travel, meals, etc.).
 - PRC will provide up to \$200 for the following: team expenses (park, technology, project materials, etc.), and other expenses (travel, meals, etc.).
 - Coaches should submit all receipts for reimbursement to any bills no later than June 1, 2023. Receipts should be submitted to the PRC via email.
 - All receipts must be submitted to the PRC via email.
- Membership and Participation**
 - The team agrees to recruit, register, and retain an active student membership with a goal of 15-20 members. The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
- Meetings**
 - The team agrees to register and retain Meet Rewards as Lead Mentor/Coach 1 and 2.
 - Meetings will be held on a regular basis, including but not limited to: team meetings, project meetings, and other activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
- Reporting**
 - The team agrees to submit attendance at team meetings and events.
 - The team agrees to submit a post-event report to PRC. The report form will be provided by December 1st and the report is due February 1st.

By signing below, I agree to the terms enumerated above.

Melissa Lorenz
Lead Mentor/Coach 1
Date: 8/16/22

Michelle Pappas
Lead Mentor/Coach 2
Date: 8/16/22

FLL CHALLENGE 43826



Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League Challenge team at Middlesex Middle High School (Team 43986) for the 2022-2023 season, according to the following terms:

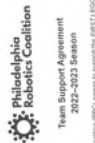
- Team Account**
 - The PRC will register an FLL Program Coordinator as Team Administrator in the MyFLL system.
 - PRC will pay the team's registration fees to FIRST purchase Challenge Sets, and pay PRC will provide up to \$200 for the following: team expenses (park, technology, project materials, etc.), and other expenses (travel, meals, etc.).
 - PRC will provide up to \$200 for the following: team expenses (park, technology, project materials, etc.), and other expenses (travel, meals, etc.).
 - Coaches should submit all receipts for reimbursement to any bills no later than June 1, 2023. Receipts should be submitted to the PRC via email.
 - All receipts must be submitted to the PRC via email.
- Membership and Participation**
 - The team agrees to recruit, register, and retain an active student membership with a goal of 15-20 members. The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
- Meetings**
 - The team agrees to register and retain Meet Rewards as Lead Mentor/Coach 1 and 2.
 - Meetings will be held on a regular basis, including but not limited to: team meetings, project meetings, and other activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
- Reporting**
 - The team agrees to submit attendance at team meetings and events.
 - The team agrees to submit a post-event report to PRC. The report form will be provided by December 1st and the report is due February 1st.

By signing below, I agree to the terms enumerated above.

Melissa Lorenz
Lead Mentor/Coach 1
Date: 8/16/22

Michelle Pappas
Lead Mentor/Coach 2
Date: 8/16/22

FLL CHALLENGE 43986



Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League Challenge team at Middlesex Middle High School (Team 43987) for the 2022-2023 season, according to the following terms:

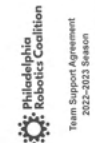
- Team Account**
 - The PRC will register an FLL Program Coordinator as Team Administrator in the MyFLL system.
 - PRC will pay the team's registration fees to FIRST purchase Challenge Sets, and pay PRC will provide up to \$200 for the following: team expenses (park, technology, project materials, etc.), and other expenses (travel, meals, etc.).
 - PRC will provide up to \$200 for the following: team expenses (park, technology, project materials, etc.), and other expenses (travel, meals, etc.).
 - Coaches should submit all receipts for reimbursement to any bills no later than June 1, 2023. Receipts should be submitted to the PRC via email.
 - All receipts must be submitted to the PRC via email.
- Membership and Participation**
 - The team agrees to recruit, register, and retain an active student membership with a goal of 15-20 members. The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
- Meetings**
 - The team agrees to register and retain Meet Rewards as Lead Mentor/Coach 1 and 2.
 - Meetings will be held on a regular basis, including but not limited to: team meetings, project meetings, and other activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
- Reporting**
 - The team agrees to submit attendance at team meetings and events.
 - The team agrees to submit a post-event report to PRC. The report form will be provided by December 1st and the report is due February 1st.

By signing below, I agree to the terms enumerated above.

Melissa Lorenz
Lead Mentor/Coach 1
Date: 8/16/22

Michelle Pappas
Lead Mentor/Coach 2
Date: 8/16/22

FLL CHALLENGE 43987



Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League Challenge team at Middlesex Middle High School (Team 43994) for the 2022-2023 season, according to the following terms:

- Team Account**
 - The PRC will register an FLL Program Coordinator as Team Administrator in the MyFLL system.
 - PRC will pay the team's registration fees to FIRST purchase Challenge Sets, and pay PRC will provide up to \$200 for the following: team expenses (park, technology, project materials, etc.), and other expenses (travel, meals, etc.).
 - PRC will provide up to \$200 for the following: team expenses (park, technology, project materials, etc.), and other expenses (travel, meals, etc.).
 - Coaches should submit all receipts for reimbursement to any bills no later than June 1, 2023. Receipts should be submitted to the PRC via email.
 - All receipts must be submitted to the PRC via email.
- Membership and Participation**
 - The team agrees to recruit, register, and retain an active student membership with a goal of 15-20 members. The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
- Meetings**
 - The team agrees to register and retain Meet Rewards as Lead Mentor/Coach 1 and 2.
 - Meetings will be held on a regular basis, including but not limited to: team meetings, project meetings, and other activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
- Reporting**
 - The team agrees to submit attendance at team meetings and events.
 - The team agrees to submit a post-event report to PRC. The report form will be provided by December 1st and the report is due February 1st.

By signing below, I agree to the terms enumerated above.

Melissa Lorenz
Lead Mentor/Coach 1
Date: 8/16/22

Michelle Pappas
Lead Mentor/Coach 2
Date: 8/16/22

FLL CHALLENGE 43994



2022 - 2023

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League Challenge team at the University City Elementary School (UCES) for the 2022-2023 season, according to the terms of this agreement.

- Team Support**
 - The PRC will support all PRC team members in the 2022-2023 season.
 - PRC will support the team's registration fees for FIRST's Challenge Season, and pay for the team's travel to the 2022-2023 season.
 - PRC will provide up to \$200 for the team's team expenses, including travel, food, and other team expenses.
 - PRC will provide up to \$200 for the team's team expenses, including travel, food, and other team expenses.
 - All other expenses are the responsibility of the team's sponsor.
- Membership and Participation**
 - The team agrees to register and submit Robert Roberts Awards as a team member.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
- Termination and Renewal**
 - This agreement shall terminate at the end of the 2022-2023 school year. Or, if the team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
 - The team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

Lead Mentor/Coach: Veronica Clymer Date: 8/24/2022
 Principal: Shakae Dupre Date: 9/24/22

FLL CHALLENGE 50108

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League Challenge team at the University City Elementary School (UCES) for the 2022-2023 season, according to the terms of this agreement.

- Team Support**
 - The PRC will support all PRC team members in the 2022-2023 season.
 - PRC will support the team's registration fees for FIRST's Challenge Season, and pay for the team's travel to the 2022-2023 season.
 - PRC will provide up to \$200 for the team's team expenses, including travel, food, and other team expenses.
 - PRC will provide up to \$200 for the team's team expenses, including travel, food, and other team expenses.
 - All other expenses are the responsibility of the team's sponsor.
- Membership and Participation**
 - The team agrees to register and submit Robert Roberts Awards as a team member.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
- Termination and Renewal**
 - This agreement shall terminate at the end of the 2022-2023 school year. Or, if the team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
 - The team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

Lead Mentor/Coach: Veronica Clymer Date: 8/24/2022
 Principal: Shakae Dupre Date: 9/24/22

FLL CHALLENGE 51803

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League Challenge team at the University City Elementary School (UCES) for the 2022-2023 season, according to the terms of this agreement.

- Team Support**
 - The PRC will support all PRC team members in the 2022-2023 season.
 - PRC will support the team's registration fees for FIRST's Challenge Season, and pay for the team's travel to the 2022-2023 season.
 - PRC will provide up to \$200 for the team's team expenses, including travel, food, and other team expenses.
 - PRC will provide up to \$200 for the team's team expenses, including travel, food, and other team expenses.
 - All other expenses are the responsibility of the team's sponsor.
- Membership and Participation**
 - The team agrees to register and submit Robert Roberts Awards as a team member.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
- Termination and Renewal**
 - This agreement shall terminate at the end of the 2022-2023 school year. Or, if the team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
 - The team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

Lead Mentor/Coach: Veronica Clymer Date: 8/24/2022
 Principal: Shakae Dupre Date: 9/24/22

FLL CHALLENGE 52015

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League Challenge team at the University City Elementary School (UCES) for the 2022-2023 season, according to the terms of this agreement.

- Team Support**
 - The PRC will support all PRC team members in the 2022-2023 season.
 - PRC will support the team's registration fees for FIRST's Challenge Season, and pay for the team's travel to the 2022-2023 season.
 - PRC will provide up to \$200 for the team's team expenses, including travel, food, and other team expenses.
 - PRC will provide up to \$200 for the team's team expenses, including travel, food, and other team expenses.
 - All other expenses are the responsibility of the team's sponsor.
- Membership and Participation**
 - The team agrees to register and submit Robert Roberts Awards as a team member.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
 - The team agrees to participate in all PRC events and activities.
- Termination and Renewal**
 - This agreement shall terminate at the end of the 2022-2023 school year. Or, if the team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
 - The team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

Lead Mentor/Coach: Veronica Clymer Date: 8/24/2022
 Principal: Shakae Dupre Date: 9/24/22

FLL CHALLENGE 54380



2022 - 2023



Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League Challenge team at the Philadelphia Robotics Coalition (PRC) 2022-2023 Season. The PRC agrees to support the team in the following ways:

- 1. **Team Support**
 - 1.1. The PRC will register an FLL Program Coordinator as Team Administrator in the PRC and provide up to \$200 for the following team expenses: team, technology, project, and other expenses.
 - 1.2. The PRC will provide up to \$200 for the following team expenses: team, technology, project, and other expenses.
 - 1.3. The PRC will provide up to \$200 for the following team expenses: team, technology, project, and other expenses.
 - 1.4. The PRC will provide up to \$200 for the following team expenses: team, technology, project, and other expenses.
 - 1.5. The PRC will provide up to \$200 for the following team expenses: team, technology, project, and other expenses.

2. **Membership and Participation**

- 2.1. The team agrees to recruit, register, and make all team members participate in a goal setting and to notify PRC within 30 days of any change of coach.
- 2.2. The team agrees to participate in all PRC events and to support the PRC's efforts to support the team.
- 2.3. The team agrees to maintain all regular and competitive membership costs.
- 2.4. The team agrees to maintain all regular and competitive membership costs.

3. **Membership**

- 3.1. The team agrees to register all team members and to notify PRC within 30 days of any change of coach.
- 3.2. The team agrees to participate in all PRC events and to support the PRC's efforts to support the team.
- 3.3. The team agrees to maintain all regular and competitive membership costs.
- 3.4. The team agrees to maintain all regular and competitive membership costs.

4. **Reporting**

- 4.1. The team agrees to submit a membership report to PRC. The report form will be provided by December 31st of the report year (January 1st).
- 4.2. The team agrees to submit a membership report to PRC. The report form will be provided by December 31st of the report year (January 1st).

FLL CHALLENGE 54382

- 4.3. All active student team members must complete an end-of-year survey for PRC. The survey will be provided by PRC and all active student team members must complete an end-of-year survey for PRC. The survey will be provided by PRC and all active student team members must complete an end-of-year survey for PRC.
- 4.4. All coaches, mentors, and active student team members must complete an end-of-year survey for PRC. The survey will be provided by PRC and all active student team members must complete an end-of-year survey for PRC.
- 4.5. All coaches, mentors, and active student team members must complete an end-of-year survey for PRC. The survey will be provided by PRC and all active student team members must complete an end-of-year survey for PRC.

By signing this agreement, the following team members agree to the terms of this agreement:

Team Administrator: 9-1-22 Date

Coach: 9-1-22 Date

Parent: 9-1-22 Date

FLL CHALLENGE 55027

FLL CHALLENGE 55028

- 4.3. All active student team members must complete an end-of-year survey for FRC. The survey will be sent to the team's email address. The survey is required for all team members.
- 4.4. All active student team members must complete an end-of-year survey for FRC. The survey will be sent to the team's email address. The survey is required for all team members.

6. Signature and Date
 By signing below, I agree to the terms enumerated above.
 Signature: [Signature] Date: 02-27-2023
 Name: Michael
 Title: Parent

- 4.3. All active student team members must complete an end-of-year survey for FRC. The survey will be sent to the team's email address. The survey is required for all team members.
- 4.4. All active student team members must complete an end-of-year survey for FRC. The survey will be sent to the team's email address. The survey is required for all team members.

6. Signature and Date
 By signing below, I agree to the terms enumerated above.
 Signature: [Signature] Date: 02-27-2023
 Name: Michael
 Title: Parent

FLL CHALLENGE 56851

FLL CHALLENGE 56852

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season
 (Signed by [Signature])

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League Challenge team at the Philadelphia Robotics Coalition (PRC) for the 2022-2023 season. The support includes the following items:

1. **Team Support**
 - 1.1. PRC will provide all team members with a PRC team support kit.
 - 1.2. PRC will provide all team members with a PRC team support kit.
 - 1.3. PRC will provide all team members with a PRC team support kit.
 - 1.4. PRC will provide all team members with a PRC team support kit.
 - 1.5. PRC will provide all team members with a PRC team support kit.
2. **Membership and Participation**
 - 2.1. PRC will provide all team members with a PRC team support kit.
 - 2.2. PRC will provide all team members with a PRC team support kit.
 - 2.3. PRC will provide all team members with a PRC team support kit.
 - 2.4. PRC will provide all team members with a PRC team support kit.
 - 2.5. PRC will provide all team members with a PRC team support kit.
3. **Membership**
 - 3.1. PRC will provide all team members with a PRC team support kit.
 - 3.2. PRC will provide all team members with a PRC team support kit.
 - 3.3. PRC will provide all team members with a PRC team support kit.
 - 3.4. PRC will provide all team members with a PRC team support kit.
 - 3.5. PRC will provide all team members with a PRC team support kit.
4. **Reporting**
 - 4.1. PRC will provide all team members with a PRC team support kit.
 - 4.2. PRC will provide all team members with a PRC team support kit.

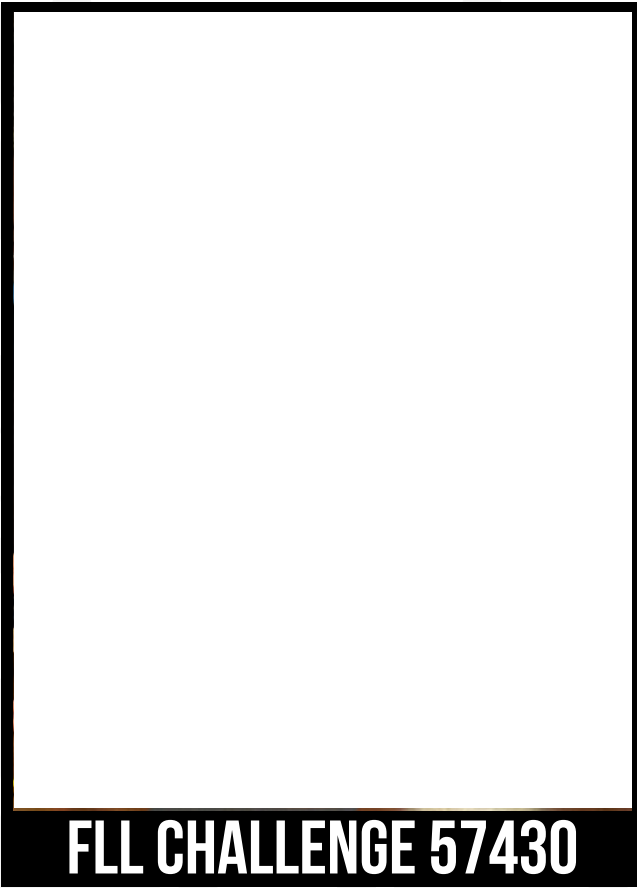
Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season
 (Signed by [Signature])

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League Challenge team at the Philadelphia Robotics Coalition (PRC) for the 2022-2023 season. The support includes the following items:

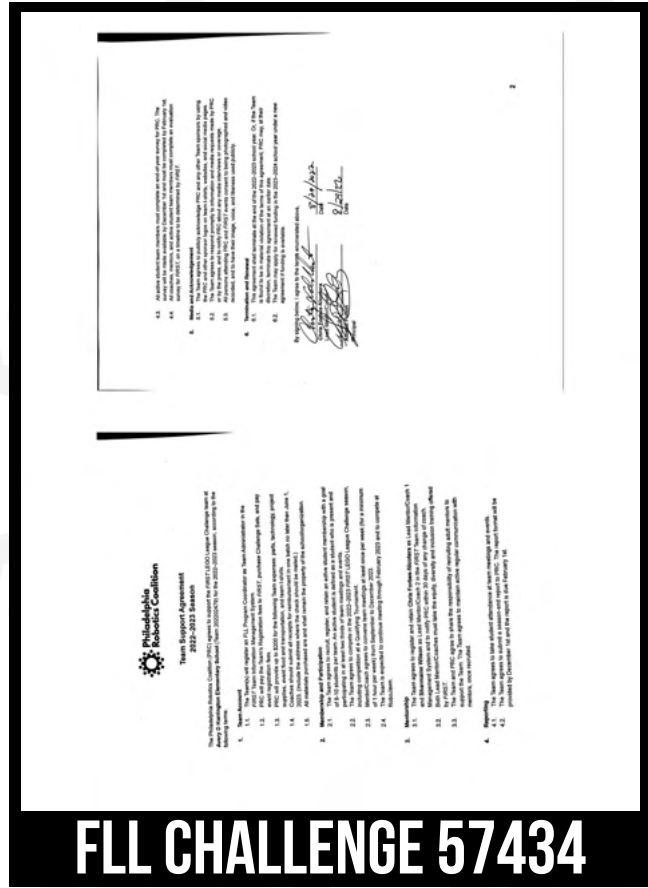
1. **Team Support**
 - 1.1. PRC will provide all team members with a PRC team support kit.
 - 1.2. PRC will provide all team members with a PRC team support kit.
 - 1.3. PRC will provide all team members with a PRC team support kit.
 - 1.4. PRC will provide all team members with a PRC team support kit.
 - 1.5. PRC will provide all team members with a PRC team support kit.
2. **Membership and Participation**
 - 2.1. PRC will provide all team members with a PRC team support kit.
 - 2.2. PRC will provide all team members with a PRC team support kit.
 - 2.3. PRC will provide all team members with a PRC team support kit.
 - 2.4. PRC will provide all team members with a PRC team support kit.
 - 2.5. PRC will provide all team members with a PRC team support kit.
3. **Membership**
 - 3.1. PRC will provide all team members with a PRC team support kit.
 - 3.2. PRC will provide all team members with a PRC team support kit.
 - 3.3. PRC will provide all team members with a PRC team support kit.
 - 3.4. PRC will provide all team members with a PRC team support kit.
 - 3.5. PRC will provide all team members with a PRC team support kit.
4. **Reporting**
 - 4.1. PRC will provide all team members with a PRC team support kit.
 - 4.2. PRC will provide all team members with a PRC team support kit.



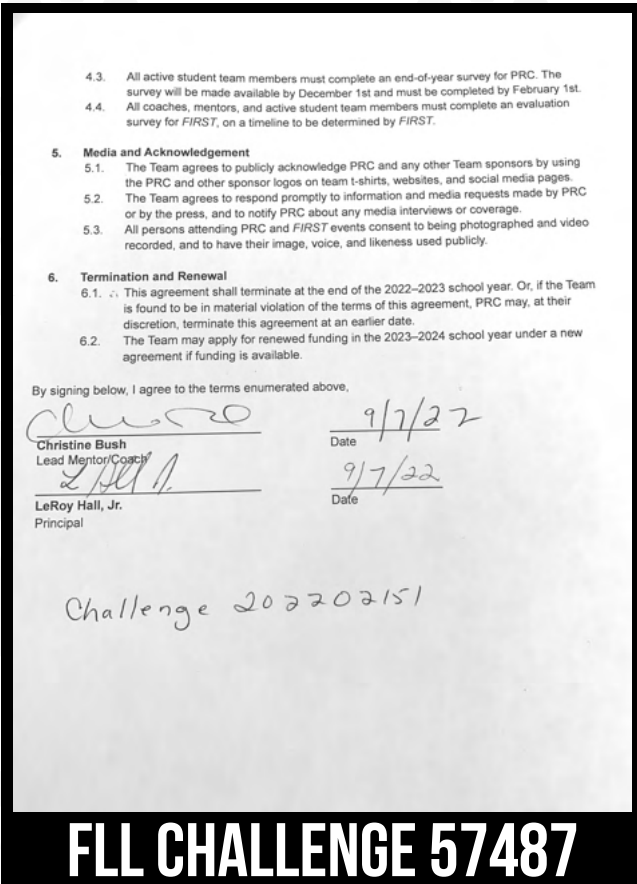
2022 - 2023



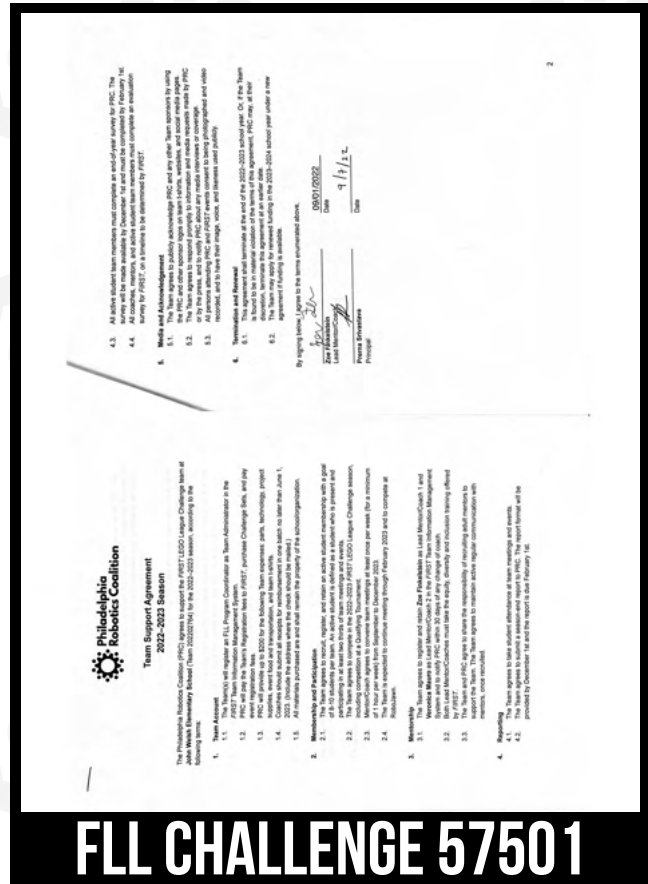
FLL CHALLENGE 57430



FLL CHALLENGE 57434



FLL CHALLENGE 57487



FLL CHALLENGE 57501



2022 - 2023

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League Challenge team at John White Elementary School (Team 57503) for the 2022-2023 season, according to the following terms:

- Team Account**
 - The Team will register an FLL Program Coordinator as Team Administrator at the PRC website.
 - PRC will provide the Team with a Team Support Agreement (TSA) and other Team Support materials.
 - PRC will provide the Team with the following Team Support materials: path, technology support, and other materials.
 - Coaches and all other team members must be properly trained and certified by PRC.
 - All materials purchased are the property of the organization.
- Membership and Participation**
 - All students participating in the team must be members of the organization.
 - The Team agrees to provide a student who is a member of the organization to participate in the team.
 - The Team agrees to provide a student who is a member of the organization to participate in the team.
 - The Team agrees to provide a student who is a member of the organization to participate in the team.
- Recognition**
 - The Team agrees to register and obtain the Philadelphia All Star Mentor/Coach 1 and 2 award.
 - The Team agrees to register and obtain the Philadelphia All Star Mentor/Coach 1 and 2 award.
 - The Team agrees to register and obtain the Philadelphia All Star Mentor/Coach 1 and 2 award.
 - The Team agrees to register and obtain the Philadelphia All Star Mentor/Coach 1 and 2 award.
- Reporting**
 - The Team agrees to submit attendance at team meetings and events.
 - The Team agrees to submit attendance at team meetings and events.

By signing below, I agree to the terms enumerated above.

[Signature] Date: 9/1/22
Lead Mentor/Coach
[Signature] Date: 9/1/22
Principal

FLL CHALLENGE 57503

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League Challenge team at John White Elementary School (Team 57755) for the 2022-2023 season, according to the following terms:

- Team Account**
 - The Team will register an FLL Program Coordinator as Team Administrator at the PRC website.
 - PRC will provide the Team with a Team Support Agreement (TSA) and other Team Support materials.
 - PRC will provide the Team with the following Team Support materials: path, technology support, and other materials.
 - Coaches and all other team members must be properly trained and certified by PRC.
 - All materials purchased are the property of the organization.
- Membership and Participation**
 - All students participating in the team must be members of the organization.
 - The Team agrees to provide a student who is a member of the organization to participate in the team.
 - The Team agrees to provide a student who is a member of the organization to participate in the team.
 - The Team agrees to provide a student who is a member of the organization to participate in the team.
- Recognition**
 - The Team agrees to register and obtain the Philadelphia All Star Mentor/Coach 1 and 2 award.
 - The Team agrees to register and obtain the Philadelphia All Star Mentor/Coach 1 and 2 award.
 - The Team agrees to register and obtain the Philadelphia All Star Mentor/Coach 1 and 2 award.
 - The Team agrees to register and obtain the Philadelphia All Star Mentor/Coach 1 and 2 award.
- Reporting**
 - The Team agrees to submit attendance at team meetings and events.
 - The Team agrees to submit attendance at team meetings and events.

By signing below, I agree to the terms enumerated above.

[Signature] Date: 9/1/22
Lead Mentor/Coach
[Signature] Date: 9/1/22
Principal

FLL CHALLENGE 57755

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League Challenge team at John White Elementary School (Team 57832) for the 2022-2023 season, according to the following terms:

- Team Account**
 - The Team will register an FLL Program Coordinator as Team Administrator at the PRC website.
 - PRC will provide the Team with a Team Support Agreement (TSA) and other Team Support materials.
 - PRC will provide the Team with the following Team Support materials: path, technology support, and other materials.
 - Coaches and all other team members must be properly trained and certified by PRC.
 - All materials purchased are the property of the organization.
- Membership and Participation**
 - All students participating in the team must be members of the organization.
 - The Team agrees to provide a student who is a member of the organization to participate in the team.
 - The Team agrees to provide a student who is a member of the organization to participate in the team.
 - The Team agrees to provide a student who is a member of the organization to participate in the team.
- Recognition**
 - The Team agrees to register and obtain the Philadelphia All Star Mentor/Coach 1 and 2 award.
 - The Team agrees to register and obtain the Philadelphia All Star Mentor/Coach 1 and 2 award.
 - The Team agrees to register and obtain the Philadelphia All Star Mentor/Coach 1 and 2 award.
 - The Team agrees to register and obtain the Philadelphia All Star Mentor/Coach 1 and 2 award.
- Reporting**
 - The Team agrees to submit attendance at team meetings and events.
 - The Team agrees to submit attendance at team meetings and events.

By signing below, I agree to the terms enumerated above.

[Signature] Date: 9/1/22
Lead Mentor/Coach
[Signature] Date: 9/1/22
Principal

FLL CHALLENGE 57832

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

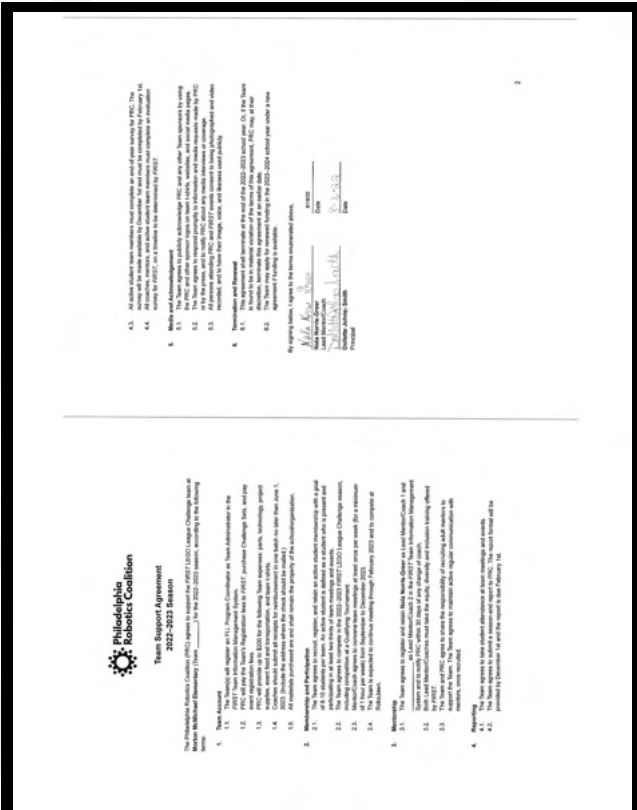
The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League Challenge team at John White Elementary School (Team 57862) for the 2022-2023 season, according to the following terms:

- Team Account**
 - The Team will register an FLL Program Coordinator as Team Administrator at the PRC website.
 - PRC will provide the Team with a Team Support Agreement (TSA) and other Team Support materials.
 - PRC will provide the Team with the following Team Support materials: path, technology support, and other materials.
 - Coaches and all other team members must be properly trained and certified by PRC.
 - All materials purchased are the property of the organization.
- Membership and Participation**
 - All students participating in the team must be members of the organization.
 - The Team agrees to provide a student who is a member of the organization to participate in the team.
 - The Team agrees to provide a student who is a member of the organization to participate in the team.
 - The Team agrees to provide a student who is a member of the organization to participate in the team.
- Recognition**
 - The Team agrees to register and obtain the Philadelphia All Star Mentor/Coach 1 and 2 award.
 - The Team agrees to register and obtain the Philadelphia All Star Mentor/Coach 1 and 2 award.
 - The Team agrees to register and obtain the Philadelphia All Star Mentor/Coach 1 and 2 award.
 - The Team agrees to register and obtain the Philadelphia All Star Mentor/Coach 1 and 2 award.
- Reporting**
 - The Team agrees to submit attendance at team meetings and events.
 - The Team agrees to submit attendance at team meetings and events.

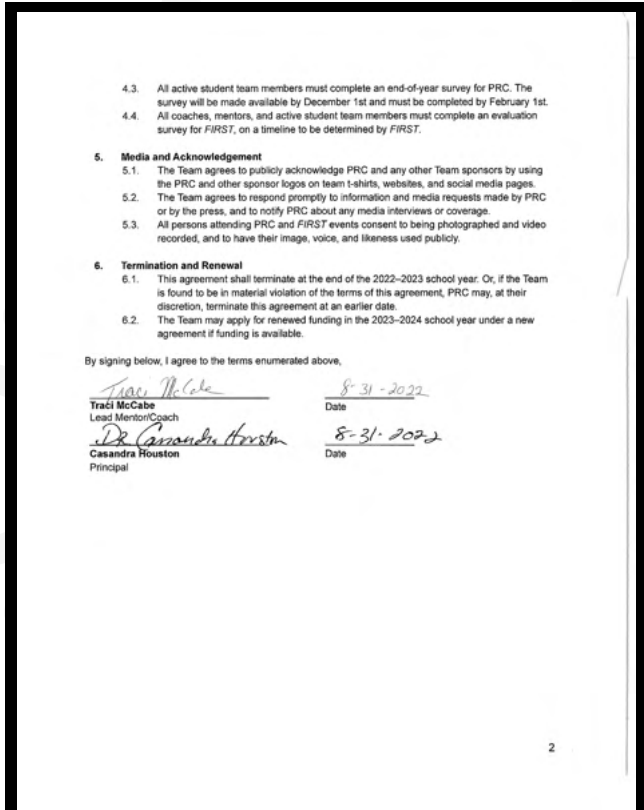
By signing below, I agree to the terms enumerated above.

[Signature] Date: 2022-08-25
Lead Mentor/Coach
[Signature] Date: 8-26-2022
Principal

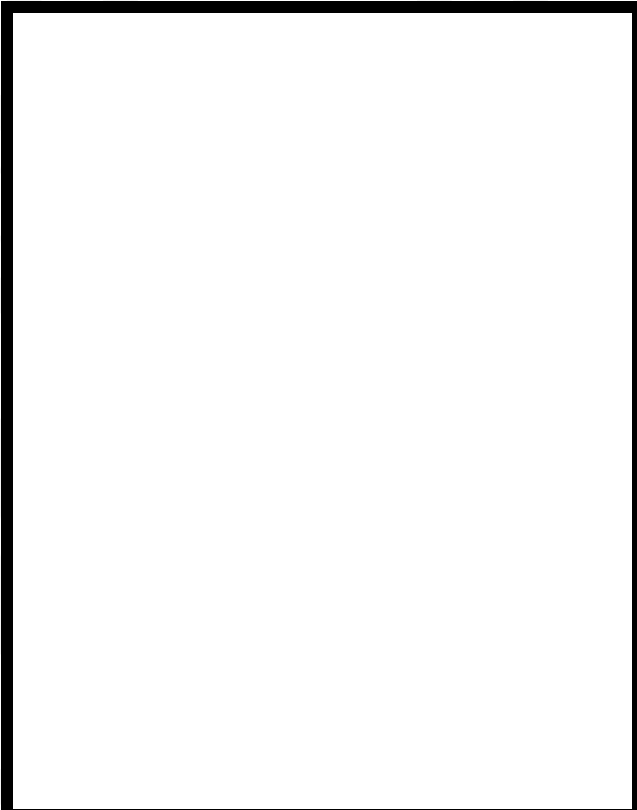
FLL CHALLENGE 57862



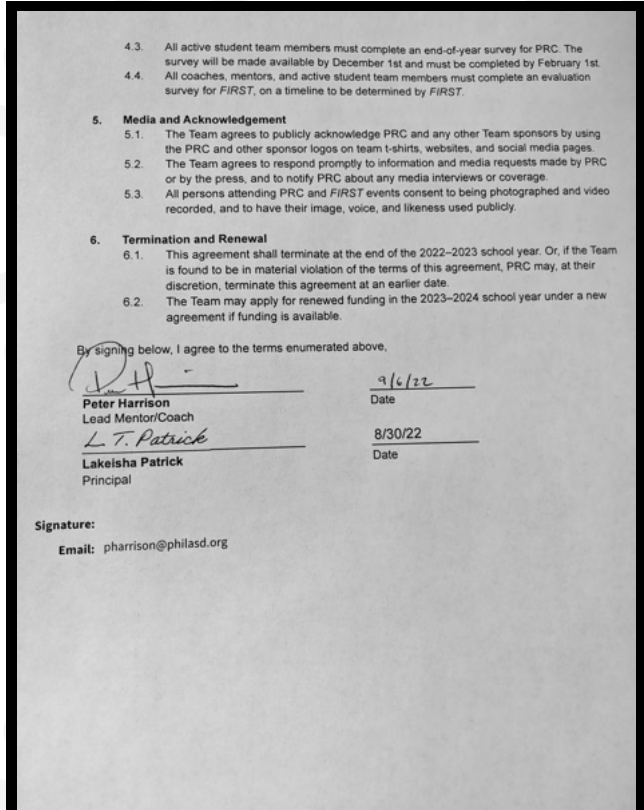
FLL CHALLENGE 58145



FLL CHALLENGE 58150



FLL CHALLENGE 58151



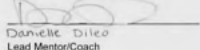
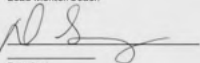
FLL CHALLENGE 58153



2022 - 2023

- 5.2. The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
 - 5.3. All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.
- 6. Termination and Renewal**
- 6.1. This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
 - 6.2. The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

 9/8/22
 Danche Dileo Date
 Lead Mentor/Coach
 9/8/22
 Principal Date

FLL CHALLENGE 58154

Philadelphia Robotics Coalition
Terms Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) is pleased to support your team's participation in the Philadelphia Futures Program (PFP) through the 2022-2023 season, and to provide you with the information you need to understand the terms of this agreement.

- Team Account**
 - 1.1. PRC will register an FLL Program Coordinator as Team Administrator in the PRC's FLL Team Information Management System (TIMS).
 - 1.2. The FLL Team Information Management System (TIMS) is the primary system for team registration, team information, and team management.
 - 1.3. The FLL Team Information Management System (TIMS) is the primary system for team registration, team information, and team management.
 - 1.4. The FLL Team Information Management System (TIMS) is the primary system for team registration, team information, and team management.
 - 1.5. All materials purchased are and shall remain the property of the Philadelphia Robotics Coalition.
- Membership and Participation**
 - 2.1. The FLL Team Information Management System (TIMS) is the primary system for team registration, team information, and team management.
 - 2.2. The FLL Team Information Management System (TIMS) is the primary system for team registration, team information, and team management.
 - 2.3. The FLL Team Information Management System (TIMS) is the primary system for team registration, team information, and team management.
 - 2.4. The FLL Team Information Management System (TIMS) is the primary system for team registration, team information, and team management.
- Membership**
 - 3.1. The FLL Team Information Management System (TIMS) is the primary system for team registration, team information, and team management.
 - 3.2. The FLL Team Information Management System (TIMS) is the primary system for team registration, team information, and team management.
 - 3.3. The FLL Team Information Management System (TIMS) is the primary system for team registration, team information, and team management.
 - 3.4. The FLL Team Information Management System (TIMS) is the primary system for team registration, team information, and team management.
- Membership**
 - 4.1. The FLL Team Information Management System (TIMS) is the primary system for team registration, team information, and team management.
 - 4.2. The FLL Team Information Management System (TIMS) is the primary system for team registration, team information, and team management.

FLL CHALLENGE 58169

FLL CHALLENGE 58673

FLL CHALLENGE 58674

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) and the Philadelphia Federation of Robotics (PFR) are pleased to announce the 2022-2023 FRC season. The PRC is committed to providing support and resources to all active student team members and coaches, mentors, and active student team members who complete an end-of-year survey for PRC. The survey will be made available by December 1st and must be completed by February 1st.

Team Support

- 1.1. The PRC will register all FRC Program Coordinators as Team Administrators in the PRC system.
- 1.2. PRC will pay the team's registration fees for FRC, purchase Challenge Kits, and pay for the team's travel expenses.
- 1.3. PRC will provide up to \$200 for the following: Team expenses, parts, technology, project materials, and other expenses.
- 1.4. Coaches should submit all receipts for reimbursement in one folder that lists June 1, 2022, as the start date and include a receipt for each item.
- 1.5. All receipts should be submitted to the PRC by August 1st.

Membership and Participation

- 2.1. The Team agrees to recruit, register, and train an active student membership with a goal of 10 members by the end of the 2022-2023 school year.
- 2.2. The Team agrees to participate in all PRC events, including the 2022-2023 FRC season, including participation at the PRC's 2022-2023 FRC season.
- 2.3. The Team agrees to participate in all PRC events, including the 2022-2023 FRC season, including participation at the PRC's 2022-2023 FRC season.
- 2.4. The Team is expected to continue meeting through February 2023 and to complete all PRC events.

Membership

- 3.1. The Team agrees to register and train. They shall all Lead Mentor/Coach 1 and all active student team members. The Team shall have a minimum of 10 members. The Team shall have a minimum of 10 members. The Team shall have a minimum of 10 members.
- 3.2. The Team agrees to participate in all PRC events, including the 2022-2023 FRC season, including participation at the PRC's 2022-2023 FRC season.
- 3.3. The Team agrees to participate in all PRC events, including the 2022-2023 FRC season, including participation at the PRC's 2022-2023 FRC season.

Reporting

- 4.1. The Team agrees to submit a report to PRC, including a list of members and coaches, by February 1st.
- 4.2. The Team agrees to submit a report to PRC, including a list of members and coaches, by February 1st.

By signing below, I agree to the terms enumerated above.

Abigail Graves 9/14/22
 Abigail Graves
 Lead Mentor/Coach
 Date

Principal Saunders 9/14/2022
 Principal Saunders
 Principal
 Date

FLL CHALLENGE 58759

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) and the Philadelphia Federation of Robotics (PFR) are pleased to announce the 2022-2023 FRC season. The PRC is committed to providing support and resources to all active student team members and coaches, mentors, and active student team members who complete an end-of-year survey for PRC. The survey will be made available by December 1st and must be completed by February 1st.

Team Support

- 1.1. The PRC will register all FRC Program Coordinators as Team Administrators in the PRC system.
- 1.2. PRC will pay the team's registration fees for FRC, purchase Challenge Kits, and pay for the team's travel expenses.
- 1.3. PRC will provide up to \$200 for the following: Team expenses, parts, technology, project materials, and other expenses.
- 1.4. Coaches should submit all receipts for reimbursement in one folder that lists June 1, 2022, as the start date and include a receipt for each item.
- 1.5. All receipts should be submitted to the PRC by August 1st.

Membership and Participation

- 2.1. The Team agrees to recruit, register, and train an active student membership with a goal of 10 members by the end of the 2022-2023 school year.
- 2.2. The Team agrees to participate in all PRC events, including the 2022-2023 FRC season, including participation at the PRC's 2022-2023 FRC season.
- 2.3. The Team agrees to participate in all PRC events, including the 2022-2023 FRC season, including participation at the PRC's 2022-2023 FRC season.
- 2.4. The Team is expected to continue meeting through February 2023 and to complete all PRC events.

Membership

- 3.1. The Team agrees to register and train. They shall all Lead Mentor/Coach 1 and all active student team members. The Team shall have a minimum of 10 members. The Team shall have a minimum of 10 members. The Team shall have a minimum of 10 members.
- 3.2. The Team agrees to participate in all PRC events, including the 2022-2023 FRC season, including participation at the PRC's 2022-2023 FRC season.
- 3.3. The Team agrees to participate in all PRC events, including the 2022-2023 FRC season, including participation at the PRC's 2022-2023 FRC season.

Reporting

- 4.1. The Team agrees to submit a report to PRC, including a list of members and coaches, by February 1st.
- 4.2. The Team agrees to submit a report to PRC, including a list of members and coaches, by February 1st.

By signing below, I agree to the terms enumerated above.

James Montgomery 9/14/22
 James Montgomery
 Lead Mentor/Coach
 Date

Principal Saunders 9/14/2022
 Principal Saunders
 Principal
 Date

FLL CHALLENGE 58866

4.3. All active student team members must complete an end-of-year survey for PRC. The survey will be made available by December 1st and must be completed by February 1st.

4.4. All coaches, mentors, and active student team members must complete an evaluation survey for FIRST, on a timeline to be determined by FIRST.

Media and Acknowledgement

- 5.1. The Team agrees to publicly acknowledge PRC and any other Team sponsors by using the PRC and other sponsor logos on team t-shirts, websites, and social media pages.
- 5.2. The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
- 5.3. All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.

Termination and Renewal

- 6.1. This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
- 6.2. The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

Abigail Graves 9/14/22
 Abigail Graves
 Lead Mentor/Coach
 Date

Principal Saunders 9/14/2022
 Principal Saunders
 Principal
 Date

FLL CHALLENGE 58867

4.3. All active student team members must complete an end-of-year survey for PRC. The survey will be made available by December 1st and must be completed by February 1st.

4.4. All coaches, mentors, and active student team members must complete an evaluation survey for FIRST, on a timeline to be determined by FIRST.

Media and Acknowledgement

- 5.1. The Team agrees to publicly acknowledge PRC and any other Team sponsors by using the PRC and other sponsor logos on team t-shirts, websites, and social media pages.
- 5.2. The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
- 5.3. All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.

Termination and Renewal

- 6.1. This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
- 6.2. The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

James Montgomery 9/14/22
 James Montgomery
 Lead Mentor/Coach
 Date

Principal Saunders 9/14/2022
 Principal Saunders
 Principal
 Date

FLL CHALLENGE 59013



2022 - 2023

4.3. All active student team members must complete an end-of-year survey for PRC. The survey will be made available by December 1st and must be completed by February 1st.

4.4. All coaches, mentors, and active student team members must complete an evaluation survey for FIRST, on a timeline to be determined by FIRST.

5. **Media and Acknowledgement**

5.1. The Team agrees to publicly acknowledge PRC and any other Team sponsors by using the PRC and other sponsor logos on team t-shirts, websites, and social media pages.

5.2. The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.

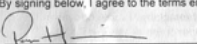
5.3. All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.

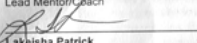
6. **Termination and Renewal**

6.1. This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.

6.2. The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

 _____
 Peter Harrison
 Lead Mentor/Coach
 Date 10/11/22

 _____
 Lakisha Patrick
 Principal
 Date 10/14/22

2

FLL CHALLENGE 59015

4.3. All active student team members must complete an end-of-year survey for PRC. The survey will be made available by December 1st and must be completed by February 1st.

4.4. All coaches, mentors, and active student team members must complete an evaluation survey for FIRST, on a timeline to be determined by FIRST.

5. **Media and Acknowledgement**

5.1. The Team agrees to publicly acknowledge PRC and any other Team sponsors by using the PRC and other sponsor logos on team t-shirts, websites, and social media pages.

5.2. The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.


5.3. All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.


6. **Termination and Renewal**

6.1. This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.

6.2. The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

 _____
 Peter Harrison
 Lead Mentor/Coach
 Date 10/11/22

 _____
 Lakisha Patrick
 Principal
 Date 10/14/22

2

FLL CHALLENGE 59143

4.3. All active student team members must complete an end-of-year survey for PRC. The survey will be made available by December 1st and must be completed by February 1st.

4.4. All coaches, mentors, and active student team members must complete an evaluation survey for FIRST, on a timeline to be determined by FIRST.

5. **Media and Acknowledgement**

5.1. The Team agrees to publicly acknowledge PRC and any other Team sponsors by using the PRC and other sponsor logos on team t-shirts, websites, and social media pages.

5.2. The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.

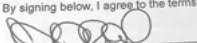
5.3. All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.


6. **Termination and Renewal**

6.1. This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.

6.2. The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

 _____
 Tracy Gaal
 Lead Mentor/Coach
 Date 10/7/22

 _____
 Susan Lofton
 Principal
 Date 10/7/22

FLL CHALLENGE 59147

4.3. All active student team members must complete an end-of-year survey for PRC. The survey will be made available by December 1st and must be completed by February 1st.

4.4. All coaches, mentors, and active student team members must complete an evaluation survey for FIRST, on a timeline to be determined by FIRST.

5. **Media and Acknowledgement**

5.1. The Team agrees to publicly acknowledge PRC and any other Team sponsors by using the PRC and other sponsor logos on team t-shirts, websites, and social media pages.

5.2. The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.


5.3. All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.


6. **Termination and Renewal**

6.1. This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.

6.2. The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

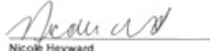
 _____
 Tracy Gaal
 Lead Mentor/Coach
 Date 10/7/22


 _____
 Susan Lofton
 Principal
 Date 10/7/22

FLL CHALLENGE 59553

- 5.2. The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
 - 5.3. All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.
- 6. Termination and Renewal**
- 6.1. This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
 - 6.2. The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

 August 23, 2022
 Nicole Hayward
 Lead Mentor/Coach

 8/23/22
 Kaitie Williams-Lawani
 Principal

FLL EXPLORE 13393

- 5.2. The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
 - 5.3. All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.
- 6. Termination and Renewal**
- 6.1. This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
 - 6.2. The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

 8/23/22
 Nicole Hayward
 Lead Mentor/Coach

 8/23/22
 Kaitie Williams-Lawani
 Principal

FLL EXPLORE 19098

- 5.2. The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
 - 5.3. All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.
- 6. Termination and Renewal**
- 6.1. This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
 - 6.2. The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

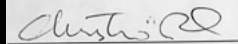
 9/7/22
 Nicole Hayward
 Lead Mentor/Coach

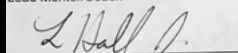
 9/7/22
 Kaitie Williams-Lawani
 Principal

FLL EXPLORE 21078

- 5.2. The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
 - 5.3. All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.
- 6. Termination and Renewal**
- 6.1. This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
 - 6.2. The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

 9/7/22
 Christine Bush
 Lead Mentor/Coach

 9/7/22
 LeRoy Hall
 Principal

FLL EXPLORE 21079

Houston Explorer Team, Jr.
 21079

2022 - 2023



Philadelphia Robotix Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotix Coalition (PRC) is pleased to support the FRC 321 Explore team at the Philadelphia University of the Sciences (PHUOS) in the 2022-2023 season. The PRC will provide the team with the following support:

- Team Support:**
 - 1.1. The PRC will support an FRC Program Coordinator as their Advisor for the FRC 321 Explore team.
 - 1.2. PRC will pay the Advisor's transportation fees to PHUOS, and pay event registration fees to PHUOS.
 - 1.3. PRC will provide up to \$100 per team for the following team expenses: project supplies, travel, and other team expenses.
 - 1.4. PRC will provide up to \$100 per team for the following team expenses: project supplies, travel, and other team expenses.
- Membership and Participation:**
 - 2.1. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
 - 2.2. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
 - 2.3. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
- Membership:**
 - 3.1. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
 - 3.2. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
 - 3.3. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
- Reporting:**
 - 4.1. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
 - 4.2. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
 - 4.3. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
- Media and Acknowledgment:**
 - 5.1. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
 - 5.2. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
 - 5.3. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.

By signing below, I agree to the terms enumerated above.

Christine Bush
Christine Bush
Lead Mentor/Coach

LeRoy Hall
LeRoy Hall
Principal

9/28/22
Date

9/28/22
Date

FLL EXPLORE 21080

- The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
- All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.

6. Termination and Renewal

- This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
- The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

Christine Bush
Christine Bush
Lead Mentor/Coach

LeRoy Hall
LeRoy Hall
Principal

9/28/22
Date

9/28/22
Date

FLL EXPLORE 25558

Philadelphia Robotix Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotix Coalition (PRC) is pleased to support the FRC 26747 team at the Philadelphia University of the Sciences (PHUOS) in the 2022-2023 season. The PRC will provide the team with the following support:

- Team Support:**
 - 1.1. The PRC will support an FRC Program Coordinator as their Advisor for the FRC 26747 team.
 - 1.2. PRC will pay the Advisor's transportation fees to PHUOS, and pay event registration fees to PHUOS.
 - 1.3. PRC will provide up to \$100 per team for the following team expenses: project supplies, travel, and other team expenses.
 - 1.4. PRC will provide up to \$100 per team for the following team expenses: project supplies, travel, and other team expenses.
- Membership and Participation:**
 - 2.1. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
 - 2.2. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
 - 2.3. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
- Membership:**
 - 3.1. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
 - 3.2. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
 - 3.3. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
- Reporting:**
 - 4.1. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
 - 4.2. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
 - 4.3. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
- Media and Acknowledgment:**
 - 5.1. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
 - 5.2. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.
 - 5.3. The PRC will sponsor and support an active student membership with a goal of 4-6 students per team.

By signing below, I agree to the terms enumerated above.

Nicole Heyward
Nicole Heyward
Lead Mentor/Coach

Khloé Williams-Lawani
Khloé Williams-Lawani
Principal

August 23, 2022
Date

9/23/22
Date

FLL EXPLORE 26747

- The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
- All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.

6. Termination and Renewal

- This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
- The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

Nicole Heyward
Nicole Heyward
Lead Mentor/Coach

Khloé Williams-Lawani
Khloé Williams-Lawani
Principal

August 23, 2022
Date

9/23/22
Date

FLL EXPLORE 26774

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League team at the following terms:

- Team Account**
 - 1.1. The team will register as a U.S. Program Coordinator as Team Administrator in the FIRST LEGO League system.
 - 1.2. PRC will provide the team with a team account for the 2022-2023 season.
 - 1.3. PRC will provide the team with a team account for the 2022-2023 season.
 - 1.4. The team will be responsible for all other costs associated with the team.
- Membership and Participation**
 - 2.1. The team agrees to publicly acknowledge PRC and any other Team sponsors by using the PRC and other sponsor logos on team t-shirts, websites, and social media pages.
 - 2.2. The team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
 - 2.3. All coaches, mentors, and active student team members must complete an evaluation survey for FIRST, on a timeline to be determined by FIRST.
- Media and Acknowledgement**
 - 3.1. The team agrees to publicly acknowledge PRC and any other Team sponsors by using the PRC and other sponsor logos on team t-shirts, websites, and social media pages.
 - 3.2. The team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
 - 3.3. All coaches, mentors, and active student team members must complete an evaluation survey for FIRST, on a timeline to be determined by FIRST.
- Termination and Renewal**
 - 4.1. This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
 - 4.2. The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

Michelle Joseph 8/14/22
Date
Michelle Joseph
Lead Mentor/Coach
Principal

FLL EXPLORE 26775

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League team at the following terms:

- Team Account**
 - 1.1. The team will register as a U.S. Program Coordinator as Team Administrator in the FIRST LEGO League system.
 - 1.2. PRC will provide the team with a team account for the 2022-2023 season.
 - 1.3. PRC will provide the team with a team account for the 2022-2023 season.
 - 1.4. The team will be responsible for all other costs associated with the team.
- Membership and Participation**
 - 2.1. The team agrees to publicly acknowledge PRC and any other Team sponsors by using the PRC and other sponsor logos on team t-shirts, websites, and social media pages.
 - 2.2. The team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
 - 2.3. All coaches, mentors, and active student team members must complete an evaluation survey for FIRST, on a timeline to be determined by FIRST.
- Media and Acknowledgement**
 - 3.1. The team agrees to publicly acknowledge PRC and any other Team sponsors by using the PRC and other sponsor logos on team t-shirts, websites, and social media pages.
 - 3.2. The team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
 - 3.3. All coaches, mentors, and active student team members must complete an evaluation survey for FIRST, on a timeline to be determined by FIRST.
- Termination and Renewal**
 - 4.1. This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
 - 4.2. The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

Nathanael Joseph 8/14/22
Date
Nathanael Joseph
Lead Mentor/Coach
Principal

FLL EXPLORE 26776

4.3. All active student team members must complete an end-of-year survey for PRC. The survey will be made available by December 1st and must be completed by February 1st. All coaches, mentors, and active student team members must complete an evaluation survey for FIRST, on a timeline to be determined by FIRST.

5. **Media and Acknowledgement**

- 5.1. The Team agrees to publicly acknowledge PRC and any other Team sponsors by using the PRC and other sponsor logos on team t-shirts, websites, and social media pages.
- 5.2. The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
- 5.3. All coaches, mentors, and active student team members must complete an evaluation survey for FIRST, on a timeline to be determined by FIRST.

6. **Termination and Renewal**

- 6.1. This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
- 6.2. The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

Corinne Weimer 9/8/22
Date
Corinne Weimer
Lead Mentor/Coach
Principal

FLL EXPLORE 26893

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League team at the following terms:

- Team Account**
 - 1.1. The team will register as a U.S. Program Coordinator as Team Administrator in the FIRST LEGO League system.
 - 1.2. PRC will provide the team with a team account for the 2022-2023 season.
 - 1.3. PRC will provide the team with a team account for the 2022-2023 season.
 - 1.4. The team will be responsible for all other costs associated with the team.
- Membership and Participation**
 - 2.1. The team agrees to publicly acknowledge PRC and any other Team sponsors by using the PRC and other sponsor logos on team t-shirts, websites, and social media pages.
 - 2.2. The team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
 - 2.3. All coaches, mentors, and active student team members must complete an evaluation survey for FIRST, on a timeline to be determined by FIRST.
- Media and Acknowledgement**
 - 3.1. The team agrees to publicly acknowledge PRC and any other Team sponsors by using the PRC and other sponsor logos on team t-shirts, websites, and social media pages.
 - 3.2. The team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
 - 3.3. All coaches, mentors, and active student team members must complete an evaluation survey for FIRST, on a timeline to be determined by FIRST.
- Termination and Renewal**
 - 4.1. This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
 - 4.2. The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.


By signing below, I agree to the terms enumerated above.

Christina O'Malley 8/15/22
Date
Christina O'Malley
Lead Mentor/Coach
Principal

FLL EXPLORE 26894



2022 - 2023



**Team Support Agreement
2022-2023 Season**

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League (FLL) teams at the Philadelphia Robotics Center for the 2022-2023 season, starting on September 1st through June 30th.

- Team Account**
 - The Team will register an FLL Program Coordinator as their Administrative at the PRC.
 - PRC will pay the Team's registration fees to FIRST, and pay event registration fees to the PRC.
 - PRC will provide up to \$100 per team for the following Team expenses: project supplies, travel, and other expenses not covered by the PRC.
 - PRC will provide up to \$100 per team for the following Team expenses: project supplies, travel, and other expenses not covered by the PRC.
- Membership and Participation**
 - The Team agrees to have student attendance at team meetings and events at a minimum of 10 students per team.
 - The Team agrees to have student attendance at team meetings and events at a minimum of 10 students per team.
 - The Team agrees to have student attendance at team meetings and events at a minimum of 10 students per team.
 - The Team agrees to have student attendance at team meetings and events at a minimum of 10 students per team.
- Reporting**
 - The Team agrees to submit a report to the PRC by the end of the season.
 - The Team agrees to submit a report to the PRC by the end of the season.
 - The Team agrees to submit a report to the PRC by the end of the season.
 - The Team agrees to submit a report to the PRC by the end of the season.
- Media and Acknowledgment**
 - The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
 - All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.
- Termination and Renewal**
 - This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
 - The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

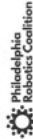
By signing below, I agree to the terms enumerated above.

Sharmaine Wilson 08/31/22
Sharmaine Wilson
Lead Mentor/Coach

Alonzo Fulton 08/31/22
Alonzo Fulton
Principal

2

FLL EXPLORE 26896



**Team Support Agreement
2022-2023 Season**

The Philadelphia Robotics Coalition (PRC) agrees to support the FIRST LEGO League (FLL) teams at the Philadelphia Robotics Center for the 2022-2023 season, starting on September 1st through June 30th.

- Team Account**
 - The Team will register an FLL Program Coordinator as their Administrative at the PRC.
 - PRC will pay the Team's registration fees to FIRST, and pay event registration fees to the PRC.
 - PRC will provide up to \$100 per team for the following Team expenses: project supplies, travel, and other expenses not covered by the PRC.
 - PRC will provide up to \$100 per team for the following Team expenses: project supplies, travel, and other expenses not covered by the PRC.
- Membership and Participation**
 - The Team agrees to have student attendance at team meetings and events at a minimum of 10 students per team.
 - The Team agrees to have student attendance at team meetings and events at a minimum of 10 students per team.
 - The Team agrees to have student attendance at team meetings and events at a minimum of 10 students per team.
 - The Team agrees to have student attendance at team meetings and events at a minimum of 10 students per team.
- Reporting**
 - The Team agrees to submit a report to the PRC by the end of the season.
 - The Team agrees to submit a report to the PRC by the end of the season.
 - The Team agrees to submit a report to the PRC by the end of the season.
 - The Team agrees to submit a report to the PRC by the end of the season.
- Media and Acknowledgment**
 - The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
 - All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.
- Termination and Renewal**
 - This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
 - The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

Sharmaine Wilson 08/31/22
Sharmaine Wilson
Lead Mentor/Coach

Alonzo Fulton 08/31/22
Alonzo Fulton
Principal

2

FLL EXPLORE 26897

- The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
- All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.
- Termination and Renewal**
 - This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
 - The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

Sharmaine Wilson 08/31/22
Sharmaine Wilson
Lead Mentor/Coach

Alonzo Fulton 08/31/22
Alonzo Fulton
Principal

2

FLL EXPLORE 26941

- The Team agrees to respond promptly to information and media requests made by PRC or by the press, and to notify PRC about any media interviews or coverage.
- All persons attending PRC and FIRST events consent to being photographed and video recorded, and to have their image, voice, and likeness used publicly.
- Termination and Renewal**
 - This agreement shall terminate at the end of the 2022-2023 school year. Or, if the Team is found to be in material violation of the terms of this agreement, PRC may, at their discretion, terminate this agreement at an earlier date.
 - The Team may apply for renewed funding in the 2023-2024 school year under a new agreement if funding is available.

By signing below, I agree to the terms enumerated above.

Sharmaine Wilson 08/31/22
Sharmaine Wilson
Lead Mentor/Coach

Alonzo Fulton 08/31/22
Alonzo Fulton
Principal

2

FLL EXPLORE 26897

Philadelphia Robotics Coalition
Team Support Agreement
2022-2023 Season

The Philadelphia Robotics Coalition (PRC) agrees to support the FLL 2022-2023 Season, according to the terms of the Membership Agreement (MMA) for the 2022-2023 Season.

- New Agreement**
 - 1.1 The team agrees to accept the terms of the MMA for the 2022-2023 Season.
 - 1.2 The team agrees to accept the terms of the MMA for the 2022-2023 Season.
 - 1.3 The team agrees to accept the terms of the MMA for the 2022-2023 Season.
 - 1.4 The team agrees to accept the terms of the MMA for the 2022-2023 Season.
- Membership and Participation**
 - 2.1 The team agrees to accept the terms of the MMA for the 2022-2023 Season.
 - 2.2 The team agrees to accept the terms of the MMA for the 2022-2023 Season.
 - 2.3 The team agrees to accept the terms of the MMA for the 2022-2023 Season.
- Membership**
 - 3.1 The team agrees to accept the terms of the MMA for the 2022-2023 Season.
 - 3.2 The team agrees to accept the terms of the MMA for the 2022-2023 Season.
 - 3.3 The team agrees to accept the terms of the MMA for the 2022-2023 Season.
- Reporting**
 - 4.1 The team agrees to accept the terms of the MMA for the 2022-2023 Season.
 - 4.2 The team agrees to accept the terms of the MMA for the 2022-2023 Season.
 - 4.3 The team agrees to accept the terms of the MMA for the 2022-2023 Season.
- Media and Advertisement**
 - 5.1 The team agrees to accept the terms of the MMA for the 2022-2023 Season.

By signing below, I agree to the terms mentioned above.

Team Leader: _____ Date: 9/1/22
 Team Manager: _____ Date: 9/1/22

3

FLL EXPLORE 27101

MENTORSHIP HOUR LOGS

Name	Program	School	Date	Hours
Daniel	FLL Challenge mentorship	Francis Scott Key Elementary School	10/20/2022	1.92
Lily	FLL Challenge mentorship	Joseph Pennell Elementary School	10/25/2022	1.00
Daniel	FLL Challenge mentorship	Francis Scott Key Elementary School	10/25/2022	1.83
Iris	FLL Challenge mentorship	Avery D. Harrington Elementary School	10/25/2022	1.00
Jason	FLL Challenge mentorship	Joseph Pennell Elementary School	10/25/2022	1.00
Ryan	FLL Challenge mentorship	Julia R Masterman Middle High School	10/26/2022	1.08
Ivan	FLL Challenge mentorship	Morton McMichael Elementary	10/26/2022	0.50
Abigail	FLL Challenge mentorship	Ethan Allen School	10/26/2022	2.00
Austin	FTC mentorship	Project HOME	10/27/2022	1.42
Lily	FLL Challenge mentorship	Middle Years Alternative (MYA)	10/28/2022	1.00
Lily	FLL Challenge mentorship	Middle Years Alternative (MYA)	11/1/2022	0.75
Ryan	FLL Challenge mentorship	Julia R Masterman Middle High School	11/2/2022	1.17
Abby	FLL Challenge mentorship	George Sharswood Elementary School	11/2/2022	1.33
Henry	FLL Challenge mentorship	Andrew J. Morrison School	11/2/2022	1.08
Juan-Lin	FLL Challenge mentorship	George Sharswood Elementary School	11/2/2022	1.33
Ivan	FLL Challenge mentorship	Andrew J. Morrison School	11/2/2022	1.00
Bianca	FLL Challenge mentorship	Julia R Masterman Middle High School	11/2/2022	1.17
Abigail	FLL Challenge mentorship	Ethan Allen School	11/2/2022	2.00
Henry	FLL Challenge mentorship	Andrew J. Morrison School	11/7/2022	1.00
Bianca	FLL Explore mentorship	Julia R Masterman Middle High School	11/7/2022	1.17
Juan-Lin	FLL Challenge mentorship	George Sharswood Elementary School	11/9/2022	0.92
Ryan	FLL Challenge mentorship	Julia R Masterman Middle High School	11/9/2022	1.08
Ivan	FLL Challenge mentorship	Andrew J. Morrison School	11/9/2022	1.00
Abigail	FLL Challenge mentorship	Ethan Allen School	11/9/2022	2.00
Ryan	FLL Challenge mentorship	John Welsh Elementary School	11/10/2022	1.17
Austin	FTC mentorship	Project HOME	11/10/2022	1.42
Bianca	FLL Challenge mentorship	Julia R Masterman Middle High School	11/14/2022	1.17
Henry	FLL Challenge mentorship	Andrew J. Morrison School	11/14/2022	1.00
Tue	FLL Explore mentorship	Stephen Girard Elementary School	11/14/2022	1.00
Daniel	FLL Challenge mentorship	Francis Scott Key Elementary School	11/15/2022	1.75
Abby	FLL Challenge mentorship	Philadelphia Futures (Dunbar)	11/16/2022	1.00
Ryan	FLL Challenge mentorship	Julia R Masterman Middle High School	11/16/2022	1.08
Abigail	FLL Challenge mentorship	Ethan Allen School	11/16/2022	2.00
Abigail	FLL Challenge mentorship	Ethan Allen School	11/16/2022	2.00
Bianca	FLL Challenge mentorship	Julia R Masterman Middle High School	11/28/2022	1.00
Henry	FLL Challenge mentorship	Andrew J. Morrison School	11/28/2022	1.00

MENTORSHIP HOUR LOGS

Name	Program	School	Date	Hours
Carolyn	FLL Challenge mentorship	C.C.A. Baldi Middle School	11/28/2022	1.00
Alesio	FLL Explore mentorship	C.C.A. Baldi Middle School	11/28/2022	1.00
Abby	FLL Challenge mentorship	Philadelphia Futures (Dunbar)	11/28/2022	1.08
Henry	FLL Challenge mentorship	Andrew J. Morrison School	11/28/2022	1.00
Tue	FLL Explore mentorship	Stephen Girard Elementary School	11/28/2022	1.00
Judson	FLL Explore mentorship	Stephen Girard Elementary School	11/28/2022	1.00
Ryan	FLL Challenge mentorship	Julia R Masterman Middle High School	11/30/2022	1.08
Ivan	FLL Challenge mentorship	Andrew J. Morrison School	11/30/2022	1.25
Stanley	FLL Explore mentorship	Joseph Pennell Elementary School	11/30/2022	1.75
Abigail	FLL Challenge mentorship	Ethan Allen School	11/30/2022	2.00
Lily	FLL Challenge mentorship	Middle Years Alternative (MYA)	12/1/2022	0.50
Kathleen	FLL Challenge mentorship	Julia R Masterman Middle High School	12/1/2022	1.08
Ryan	FLL Challenge mentorship	Julia R Masterman Middle High School	12/1/2022	1.08
Abby	FLL Challenge mentorship	Francis Scott Key Elementary School	12/1/2022	1.58
Lily	FLL Challenge mentorship	Global Leadership Academy West	12/1/2022	1.50
Austin	FTC mentorship	Project HOME	12/1/2022	1.50
Raymond	FLL Challenge mentorship	Martha Washington School	12/5/2022	1.50
Bangle	FLL Challenge mentorship	Martha Washington School	12/5/2022	1.50
Henry	FLL Challenge mentorship	Andrew J. Morrison School	12/5/2022	2.00
Ivan	FLL Challenge mentorship	Andrew J. Morrison School	12/5/2022	2.00
Bianca	FLL Challenge mentorship	Julia R Masterman Middle High School	12/5/2022	1.00
Lily	FLL Challenge mentorship	Martha Washington School	12/5/2022	1.25
Tue	FLL Explore mentorship	Stephen Girard Elementary School	12/5/2022	1.00
Judson	FLL Explore mentorship	Stephen Girard Elementary School	12/5/2022	1.00
Abby	FLL Challenge mentorship	Carver Engineering and Science	12/6/2022	1.25
Lily	FLL Challenge mentorship	Avery D. Harrington Elementary School	12/6/2022	1.00
Hannah	FLL Challenge mentorship	Avery D. Harrington Elementary School	12/6/2022	1.00
Daniel	FLL Challenge mentorship	Francis Scott Key Elementary School	12/6/2022	1.50
Daniel	FLL Challenge mentorship	Francis Scott Key Elementary School	12/6/2022	1.50
Jayla	FTC mentorship	Francis Scott Key Elementary School	12/6/2022	1.25
Abigail	FLL Challenge mentorship	Ethan Allen School	12/7/2022	2.00
Ryan	FLL Challenge mentorship	Julia R Masterman Middle High School	12/7/2022	1.08
Abby	FLL Challenge mentorship	George Sharswood Elementary School	12/7/2022	1.17
Juan-Lin	FLL Challenge mentorship	George Sharswood Elementary School	12/7/2022	1.33
Henry	FLL Challenge mentorship	Andrew J. Morrison School	12/7/2022	1.50
Ivan	FLL Challenge mentorship	Andrew J. Morrison School	12/7/2022	1.58

MENTORSHIP HOUR LOGS

Name	Program	School	Date	Hours
Ryan	FLL Challenge mentorship	Julia R Masterman Middle High School	12/8/2022	1.00
Kathleen	FLL Challenge mentorship	Julia R Masterman Middle High School	12/8/2022	1.00
Ian	FLL Challenge mentorship	Joseph Pennell Elementary School	12/8/2022	1.75
Maja	FLL Challenge mentorship	Joseph Pennell Elementary School	12/8/2022	1.42
Lily	FLL Challenge mentorship	Middle Years Alternative (MYA)	12/8/2022	0.50
Austin	FTC mentorship	Project HOME	12/8/2022	1.50
Daniel	FLL Challenge mentorship	Francis Scott Key Elementary School	12/8/2022	1.50
Jayla	FLL Challenge mentorship	Francis Scott Key Elementary School	12/8/2022	1.25
Jason	FTC mentorship	Central High School	12/18/2022	9.00
Judson	FLL Explore mentorship	Stephen Girard Elementary School	12/19/2022	1.00
Jayla	FTC mentorship	Francis Scott Key Elementary School	12/20/2022	1.25
Austin	FTC mentorship	Project HOME	12/22/2022	0.92
Ryan	FLL Challenge mentorship	Julia R Masterman Middle High School	1/4/2023	1.08
Austin	FTC mentorship	Project HOME	1/5/2023	1.50
Ryan	FLL Challenge mentorship	Julia R Masterman Middle High School	1/11/2023	1.00
Ryan	FLL Challenge mentorship	Julia R Masterman Middle High School	1/18/2023	1.08
Ryan	FLL Challenge mentorship	Julia R Masterman Middle High School	1/25/2023	1.25
Vincent	FTC mentorship	Central High School	2/4/2023	11.67
Eric	FTC mentorship	Philadelphia High School For Girls	2/15/2023	2.75

EVENT VOLUNTEERING HOUR LOGS

First Name	Event Name	Hours
Maja	Coach Training Setup	3.00
Maja	FLL Explore Coach Training	5.00
Austin	FLL Challenge Coach Training	8.00
Austin	FLL Explore Coach Training	5.00
Austin	Coach Training Setup	3.00
Jason	Olney Club Fair	2.00
Ankit	Olney Club Fair	2.00
Yona	Olney Club Fair	2.00
Abby	FLL Explore Coach Training	5.00
Abby	FLL Challenge Coach Training	8.00
Abby	Coach Training Setup	3.00
Lily	Coach Training Setup	3.00
Lily	FLL Explore Coach Training	5.00
Lily	FLL Challenge Coach Training	8.00
Lily	FTC Coach Training 1	8.00
Maja	McMichael Parent Night	2.33
Maja	Design It!	4.83
Bangle	Project HOME Club Fair	2.22
Anne-Louise	Project HOME Club Fair	2.00
Lola	Project HOME Club Fair	2.00
Lily	Project HOME Club Fair	2.00
Jason	Design It!	5.25
Maja	SCTE Expo	6.50
Maja	FLL Training (virtual)	2.50
Suraj	SCTE Expo	6.25
Maddy	SCTE Expo	8.00
Zoé	SCTE Expo	6.50
Manny	FLL Challenge Project Workshop	3.00
Abby	FLL Challenge Training (in person)	2.50
Maja	FLL Explore Training (in person)	4.00
Maja	FLL Challenge Sensor Workshop	2.00
Iris	SCTE Expo	7.00
Maja	Build It!	7.67
Jo	Build It!	7.50
Bianca	Build It!	7.50
Kameron	Build It!	6.00
Daniel	Build It!	7.00
Abby	FLL Challenge Qualifier 2	9.17
Vanessa	FLL Challenge Qualifier 2	9.50
Amaris	FLL Challenge Qualifier 2	10.25
Henry	Drive It!	9.00
Carolyn	FLL Challenge Qualifier 2	9.37
William	FLL Challenge Qualifier 2	9.00
Geard	FLL Challenge Qualifier 2	9.50
Manny	FLL Challenge Qualifier 2	9.00
André	FLL Challenge Qualifier 2	10.00
Lola	Drive It!	9.00
Lola	FLL Explore Expo 2	4.50
Tina	FLL Challenge Qualifier 1	9.00
Fion	FLL Challenge Qualifier 2	10.00
Tina	FLL Challenge Qualifier 2	9.00
Aria	FLL Challenge Qualifier 1	9.50
Lily	FLL Challenge Qualifier 2	6.00

First Name	Event Name	Hours
Aria	Build It!	7.50
André	Build It!	7.50
Ankit	Build It!	7.50
Jason	Build It!	7.50
Chuck	Build It!	7.00
Adrita	Build It!	7.50
Carolyn	Build It!	7.00
Yona	SCTE Expo	7.00
Lola	Build It!	7.50
Austin	Build It!	7.50
Daniel	Build It!	7.50
Alix	Build It!	7.50
Abby	Build It!	7.33
Kristian	Build It!	7.50
Danny	Build It!	7.50
Danay	Build It!	7.50
Lily	Build It!	7.50
Austin	McMichael Parent Night	2.33
Austin	Project HOME Club Fair	2.00
Manny	Program It!	5.50
Richard	Program It!	6.00
Maja	Program It!	4.83
Alex	Program It!	5.00
Nailah	SCTE Expo	7.00
Maddy	Program It!	5.00
Abby	Program It!	5.00
Jo	Program It!	5.00
Abby	Hamilton FLL Event	7.28
Lily	Hamilton FLL Event	6.50
Carolyn	Hamilton FLL Event	7.45
Lily	Hamilton FLL Event	1.50
Lola	Hamilton FLL Event	6.00
Maja	Hamilton FLL Event	7.00
Timothy	Hamilton FLL Event	6.00
Fion	Hamilton FLL Event	7.00
Nailah	Hamilton FLL Event	7.00
Iris	Hamilton FLL Event	6.50
Aria	FLL Challenge Qualifier 2	6.00
Collins	FLL Challenge Qualifier 1	9.00
Collins	FLL Challenge Qualifier 2	4.00
Vanessa	FLL Challenge Qualifier 2	9.50
Jason	FLL Challenge Qualifier 1	9.00
Jason	FLL Challenge Qualifier 2	9.00
Shiny	FLL Challenge Qualifier 2	10.00
Maggie	Drive It!	7.00
Tue	FLL Explore Expo 2	5.00
Isabel	Drive It!	9.00
Virak	FLL Challenge Qualifier 1	8.50
Virak	FLL Challenge Qualifier 2	8.67
Lily	Drive It!	10.00
Lily	FLL Challenge Qualifier 2	9.00
Ryan	FLL Challenge Qualifier 2	8.50

First Name	Event Name	Hours
Iris	Hamilton FLL Event	2.00
Manny	Hamilton FLL Event	6.67
Jason	Hamilton FLL Event	6.50
Collins	Hamilton FLL Event	7.50
Kristian	Hamilton FLL Event	6.50
Adrita	Hamilton FLL Event	7.50
Danay	Hamilton FLL Event	6.75
Danay	Hamilton FLL Event	3.50
Adrita	Hamilton FLL Event	3.50
Nita	Hamilton FLL Event	6.50
Leslie	FLL Challenge Qualifier 1	10.00
Tue	FLL Explore Expo 1	5.00
Richard	Drive It!	9.00
Tasnim	Drive It!	8.50
Austin	Drive It!	7.83
Suraj	Drive It!	8.75
Danny	FLL Challenge Qualifier 1	8.83
André	FLL Challenge Qualifier 1	10.00
Manny	FLL Challenge Qualifier 1	8.50
Carolyn	FLL Challenge Qualifier 1	9.75
Fion	FLL Challenge Qualifier 1	9.00
Jo	Drive It!	8.50
Tom	Drive It!	9.00
Abby	FLL Challenge Qualifier 1	9.00
Nita	Drive It!	8.00
Iris	FLL Challenge Qualifier 1	9.00
Ryan	FLL Challenge Qualifier 1	10.00
Timothy	FLL Challenge Qualifier 2	9.50
Laurie	FLL Challenge Qualifier 1	9.50
Laurie	FLL Challenge Qualifier 2	10.00
Connie	FLL Challenge Qualifier 1	10.00
Connie	FLL Challenge Qualifier 2	10.00
Alex	Drive It!	9.00
Iris	FLL Challenge Qualifier 2	9.00
Maja	FLL Challenge Qualifier 1	9.50
Maja	FLL Challenge Qualifier 2	9.50
Anne-Louise	FLL Challenge Qualifier 2	9.00
Angela	Drive It!	8.00
Thomas	Drive It!	9.00
Maddy	FLL Challenge Qualifier 1	10.00
Maddy	FLL Challenge Qualifier 2	10.00
Danny	FLL Challenge Qualifier 2	9.00
Ankit	Drive It!	9.75
Ankit	FLL Challenge Qualifier 2	9.00
Lelei	Drive It!	8.50

EVENT VOLUNTEERING HOUR LOGS

First Name	Event Name	Hours	First Name	Event Name	Hours	First Name	Event Name	Hours
Daniel	FLL Challenge Qualifier 1	9.50	Emi	FLL Challenge Qualifier 2	9.50	Bianca	FLL Challenge Qualifier 1	6.00
Alix	FLL Challenge Qualifier 1	10.17	Maja	Eastern PA FTC Qualifier	9.75	Bianca	FLL Challenge Qualifier 1	8.50
Sam	Drive It!	8.50	Abby	Eastern PA FTC Qualifier	10.00	Maddy	FTC Qualifier	1.00
Jiajie	Drive It!	7.00	Ankush	Eastern PA FTC Qualifier	10.00	Tasnim	FTC Qualifier	11.50
Kristy	FLL Challenge Qualifier 1	8.83	Abby	Red & Black FTC Qualifier	10.00	Daniel	FTC Qualifier	10.75
Leshawn	FLL Challenge Qualifier 1	9.50	Maja	Red & Black FTC Qualifier	9.83	Lily	FTC Qualifier Setup	2.50
Nhan	Drive It!	10.00	Ankush	Red & Black FTC Qualifier	9.83	Alex	FTC Qualifier	10.50
Eri	FLL Challenge Qualifier 1	9.00	Eri	Red & Black FTC Qualifier	10.00	Dominick	FTC Qualifier	12.50
Eri	FLL Challenge Qualifier 2	9.00	Ankit	Eastern PA FTC Qualifier	10.50	Leilei	FTC Qualifier	0.00
Eri	Program It!	11.00	Ankit	Red & Black FTC Qualifier	10.50	Abby	FTC Qualifier	12.85
Eri	Hamilton FLL Event	6.50	Austin	Red & Black FTC Qualifier	9.75	Connie	FTC Qualifier	11.42
Maja	Megaevent Setup	4.00	Maja	Lower Merion SD Coach Training	2.17	Alvin	FTC Qualifier	11.50
Ryan	Megaevent Setup	1.50	Maja	FTC Scrimmage	9.75	Carolyn	FTC Qualifier Setup	3.00
Maddy	Megaevent Setup	4.00	Maddy	FTC Scrimmage	10.50	Jason	FTC Qualifier	12.00
Iris	Megaevent Setup	1.75	Lily	FTC Scrimmage	9.75	Austin	FTC Qualifier	12.25
Lily	Megaevent Setup	4.00	Lily	Lower Merion SD Coach Training	2.00	Jo	FTC Qualifier	12.00
Maddy	Hamilton FLL Event	8.00	Richard	FTC Scrimmage	10.00	Jo	FTC Qualifier Setup	2.50
Maddy	Hamilton FLL Event Setup	2.00	Dominick	FTC Scrimmage	10.00	Jo	FTC Scrimmage	8.50
Maja	Hamilton FLL Event Setup	2.00	Abby	FTC Scrimmage	10.00	Lola	FTC Qualifier Setup	3.50
Leo	FLL Challenge Qualifier 1	8.83	Abby	Lower Merion SD Coach Training	2.33	Duncan	FTC Qualifier	11.00
Judy	FLL Challenge Qualifier 2	8.50	Iris	FTC Scrimmage	10.00	Kai	FTC Qualifier	10.75
Judy	FLL Challenge Qualifier 1	8.17	Tom	FTC Scrimmage	9.75	Abby	FTC Scrimmage	8.25
Ankush	Drive It!	9.50	Leilei	FTC Scrimmage	9.25	Thomas	FTC Qualifier	12.00
Eric	FLL Explore Expo 2	4.00	Lola	FTC Scrimmage	10.00	Connie	FTC Qualifier	11.25
Eric	FLL Explore Expo 1	4.00	Thomas	FTC Scrimmage	10.00	Abby	FLL Challenge RoboJawn Setup	4.50
Isis	FLL Challenge Qualifier 1	9.00	Alex	FTC Scrimmage	9.00	Iris	FLL Challenge RoboJawn	8.50
Isis	FLL Challenge Qualifier 2	9.00	Tasnim	FTC Scrimmage	10.00	Maja	FLL Challenge RoboJawn	8.50
Kristian	FLL Challenge Qualifier 1	8.75	Ankit	FTC Scrimmage	9.00	Aria	FLL Challenge RoboJawn	7.50
Kristian	FLL Challenge Qualifier 2	9.25	Chuck	FTC Scrimmage	8.75	Kristian	FLL Challenge RoboJawn	8.50
Zamil	FLL Challenge Qualifier 1	8.50	Iris	FTC Qualifier	2.50	Maja	FLL Challenge RoboJawn Setup	3.50
Zamil	FLL Challenge Qualifier 2	8.50	Ryan	FTC Qualifier	8.75	Ryan	FLL Challenge RoboJawn	8.33
Chuck	Drive It!	8.50	Richard	FTC Qualifier	11.00	Ivan	FLL Challenge RoboJawn	8.00
Zamil	Hamilton FLL Event	7.00	Lola	FTC Qualifier	12.50	Carolyn	FLL Challenge RoboJawn	8.50
Zamil	Hamilton FLL Event Setup	2.00	Tom	FTC Qualifier	12.67	Kiva	FLL Challenge RoboJawn	8.75
Mekhi	FLL Challenge Qualifier 1	9.50	Henry	FTC Qualifier	12.00	Molly	FLL Challenge RoboJawn	8.75
Mekhi	FLL Challenge Qualifier 2	9.50	Carolyn	FTC Qualifier	12.25	Cindy	FLL Challenge RoboJawn	10.00
Alix	FLL Challenge Qualifier 1	10.00	Tina	FTC Qualifier	11.75	Shane	FLL Challenge RoboJawn	8.88
Alix	FLL Challenge Qualifier 1	10.00	Lily	FTC Qualifier	12.50	Laurie	FLL Challenge RoboJawn	9.50
Iris	FTC Qualifier	12.50	Kathleen	FLL Challenge RoboJawn	8.00	Manny	FLL Challenge RoboJawn	8.50
Maja	FTC Qualifier	12.50	William	FLL Challenge RoboJawn	9.00	Abigail	FLL Challenge RoboJawn	7.50
Anne-Louise	FLL Challenge RoboJawn	8.00	Emi	FLL Challenge RoboJawn	10.00	Hannah	FLL Explore RoboJawn	4.67
Lily	FLL Challenge RoboJawn	8.58	Shiny	FLL Challenge RoboJawn	9.00	Hannah	FLL Challenge RoboJawn	4.17
Raphael	FLL Challenge RoboJawn	9.00	Maddy	FLL Challenge RoboJawn	8.50	Connie	FLL Challenge RoboJawn	9.50
Adrita	FLL Explore RoboJawn	9.00	Ryan	FLL Challenge RoboJawn Setup	2.25	David	FLL Challenge RoboJawn	8.00
Danay	FLL Explore RoboJawn	9.00	Angela	FLL Challenge RoboJawn Setup	10.00	Noah	FLL Challenge RoboJawn	9.00
Lola	FLL Explore RoboJawn	2.50	Leilei	FLL Challenge RoboJawn	10.12	Ankit	FLL Challenge RoboJawn	8.00
Lola	FLL Challenge RoboJawn	6.00	Daniel	FLL Challenge RoboJawn	8.50	Vanessa	FLL Challenge RoboJawn	9.00

EVENT VOLUNTEERING HOUR LOGS

First Name	Event Name	Hours
Tom	FLL Challenge RoboJawn	7.50
Abby	FLL Challenge RoboJawn	8.00
Nita	FLL Explore RoboJawn	8.00
Rafayel	Program It!	5.00
Lola	Program It!	6.00
Matthew	Program It!	6.00
Danay	FLL Challenge Qualifier 1	4.50
Danay	FLL Challenge Qualifier 2	4.50
Adrita	FLL Challenge Qualifier 1	8.50
Adrita	FLL Challenge Qualifier 2	8.50
Duncan	Drive It!	8.00
Kiva	FTC PA Championship	12.17
Lola	FTC PA Championship	12.17
Maja	Lower Merion SD Coach Training 2	1.75
André	FTC PA Championship	12.17
Lily	FTC PA Championship	12.17
Maja	FTC PA Championship	12.17
Emi	FTC PA Championship	12.17
David	FTC PA Championship	12.17
Vanessa	FTC PA Championship	12.17
Danay	FTC PA Championship	12.17
Carolyn	FTC PA Championship	12.17
Maddy	FTC PA Championship	12.17
Eric	FTC PA Championship	12.17
Daniel	SCTE Expo	8.00
Bu	Green & Gold FTC Qualifier	10.25
Molly	Green & Gold FTC Qualifier	10.25
Ankush	Green & Gold FTC Qualifier	10.25
Lola	Green & Gold FTC Qualifier	10.25
Carolyn	Green & Gold FTC Qualifier	10.25

First Name	Event Name	Hours
Jason	FLL Challenge RoboJawn	8.00
Abigail	FLL Challenge Qualifier 1	10.00
Abigail	FLL Challenge Qualifier 2	10.00
Duncan	FTC Scrimmage	8.00
Nhan	FTC Scrimmage	8.00
Suraj	FTC Qualifier	8.25
Abby	Ramp Riot Scrimmage	7.00
Abrar	Build It!	9.00
Abrar	Program It!	5.50
Abrar	Drive It!	8.50
Abrar	FTC Scrimmage	8.00
Lily	Lower Merion SD Coach Training 2	1.75
Remi	FTC PA Championship	12.17
Kai	FTC PA Championship	12.17
Anne-Louise	FTC PA Championship	12.17
Daniel	FTC PA Championship	12.17
Jason	FTC PA Championship	12.17
Shiny	FTC PA Championship	12.17
Bangle	FTC PA Championship	12.17
Raphael	FTC PA Championship	12.17
Matthew	Program It!	19.00
Matthew	Program It!	7.00
Daniel	Program It!	5.50
Daniel	FLL Challenge Qualifier 1	8.00
Abby	Green & Gold FTC Qualifier	10.25
Maja	Green & Gold FTC Qualifier	10.25
Emi	Green & Gold FTC Qualifier	10.25
William	Green & Gold FTC Qualifier	10.25
Kathleen	Green & Gold FTC Qualifier	10.25
Lily	Green & Gold FTC Qualifier	10.25

PHILADELPHIA STATS



Philadelphia Statistics

Education

- Philadelphia compared to Pennsylvania:
 - Math Proficiency: 22% to 38%
 - Reading Proficiency: 28% to 55%
- The Philadelphia city-wide on-time graduation rate was 70% in 2020-21, compared to the nation-wide graduation rate of 91.1%.
- As of 2021, only 32% of Philadelphia 3rd graders could read on their grade level.

Economics

- The poverty rate in Philadelphia is 23%, the highest among the nation's largest cities, and compared to the Pennsylvania rate of 12.1%
- About 400,000 residents—including roughly 37 percent of the city's children under the age of 18—live below the federal poverty line, which is \$19,337 in annual income for an adult living with two children.
- Nearly half of all poor residents are in deep poverty, defined as 50 percent below the federal poverty line.
- From 2017-2021 the median household income in Philadelphia was \$52,649, compared to Pennsylvania at \$67,587

Sources

Calhoun, J. (2021, August 5). Just 32% of Philadelphia third graders read on grade level. Freedom Schools Literacy Academy could be a model to change that. Chalkbeat. <https://philadelphia.chalkbeat.org/2021/8/5/22610462/32-of-philadelphia-third-graders-read-on-grade-level-freedom-schools-literacy-academy-is-a-solution>

Hill, Chanel. "Philly Superintendent Sees Attendance and Graduation Rates as Keys to Success." Philadelphia Tribune , 21 Jan. 2023, https://www.phillytrib.com/news/local_news/philly-superintendent-sees-attendance-and-graduation-rates-as-keys-to-success/article_f06575fb-36fc-5e0a-b38f-2c5e7dff1e45.html.

Mancini, M. (2022, January 11). Philly schools need more resources to close achievement gaps, Hite testifies in education funding trial. Philly Voice. <https://www.phillyvoice.com/pennsylvania-school-funding-trial-education-philadelphia-hite/>

The Pew Charitable Trusts. (2017, November). Philadelphia's Poor. https://www.pewtrusts.org/-/media/assets/2017/11/pri_philadelphias_poor.pdf

Public School Review. (n.d.). Philadelphia City School District. Retrieved February 17, 2023, from <https://www.publicschoolreview.com/pennsylvania/philadelphia-city-school-district/4218990-school-district>

United States Census Bureau. (2022, February 24). Census Bureau Releases New Educational Attainment Data. Retrieved February 17, 2022, from <https://www.census.gov/newsroom/press-releases/2022/educational-attainment.html#:~:text=In%202021%2C%20the%20highest%20level,college%20but%20not%20a%20degree.>

From: Philly Voice

2/17/23, 2:06 PM

Philly schools need more resources to close achievement gaps, Hite testifies in education funding trial

www.phillyvoice.com/pennsylvania-school-funding-trial-education-philadelphia-hite/

Philly schools need more resources to close achievement gaps, Hite testifies in education funding trial

Maggie Mancini : 8-10 minutes : 1/11/2022

Superintendent William Hite outlined the School District of Philadelphia's need for additional financial resources to address staffing shortages, facility maintenance and student performance gaps Tuesday as part of the ongoing court battle over Pennsylvania's public education funding.

Six school districts have [sued state lawmakers](#), alleging the state has failed to provide equitable and adequate school funding, as guaranteed by the state constitution. They claim a "disproportionate reliance on local wealth" in public education funding has led to a disparity in educational outcomes. They seek to revamp the way public schools are funded.

- MORE NEWS
- [Fans mourn death of 'Full House' actor Bob Saget](#)
- [CHOP updates COVID-19 guidance, says schools should 'prioritize' in-person learning during omicron surge](#)
- [Camden tops list of New Jersey food desert communities, state looks for resident feedback](#)

The School District of Philadelphia is not among those that filed suit, but a former student is among the plaintiffs, and its financial and academic challenges have been well-documented.

Hite began his nearly full day of testimony by explaining the "tradeoffs" underfunded schools must often make. A school may need four additional support staff to aid students, but because the budget does not allow the school to add all four, administrators must prioritize needs.

Underfunded schools have to "make do without some of the other necessary people," Hite said.

The size of the School District of Philadelphia makes the effects of its funding issues more prevalent, Hite said. It is, by far, the largest school district in the state, serving more than 200,000 students in district-run public and charter schools, which receive funding through the district's budget.

"Philadelphia is the poorest big city in the country," Hite said, noting that creates additional barriers to quality education. "We have larger numbers of young people who don't have access to early childhood and who aren't on grade level, those experiencing trauma, homelessness, are new to the country, have special needs, and those who need additional resources."

Hite testified that 65.14% of district students are labeled as "economically disadvantaged," though the percentage may be higher. That figure is based on the district's prior income-based method for identifying students eligible for free meals. The district since has shifted to a "community-based" approach that provides free meals to all students.

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2/17/23, 2:06 PM

Philly schools need more resources to close achievement gaps, Hite testifies in education funding trial

The district also has a large number of English language learners, and their percentage has grown since Hite became superintendent in 2012, he said. They require additional resources to teach English, which often takes place in a separate classroom for ELLs. As of the 2019-20 school year, there were 16,669 ELLs enrolled in district-run schools.

Bilingual counseling services have helped students as they learn English, but the district does not have the resources to make them available at every school, Hite said. Further, only 15% of ELL students in grades 6-12 met or exceeded the target for English proficiency.

Hite said the disparities among English language learners meeting their proficiency goals exemplifies his educational philosophy – that all children, regardless of obstacles, have the ability to learn at high levels if given the resources and support to do so.

During cross-examination by the defense, Hite stressed the importance of adding resources to schools that present major needs based on trends and score disparities on standardized tests.

The district responded to low test scores in math and English at S. Weir Mitchell Elementary School in Kingsessing by adding additional support staff, including a reading specialist, Hite said. Only six of the district's 216 schools have certified librarians on staff.

According to [school district data](#), Mitchell Elementary students reached 25% reading and language arts proficiency on the Pennsylvania System of School Assessment exams during the 2018-19 school year – up from 20% the previous year. Only 7% were proficient in math.

School District students have not taken state assessments since then, as the COVID-19 pandemic made it difficult to take those exams in-person.

When asked about the district's definition of "sufficient" resources, Hite said resources should provide students with everything they need to succeed.

"When you have schools with low proficiency on tests, there are two things I think should happen," Hite said, referencing Mitchell Elementary. "You need sufficient resources to meet the needs of those students, and then those resources need to be sustainable, predictive and recurring."

The district uses a period of three to five years to track how students move from one quartile of proficiency to another, noting that it takes time to move children, particularly those at a lower level of proficiency, Hite said.

Schools with adequate, sufficient resources are able to achieve proficiency at higher levels compared to other schools, including those within the School District of Philadelphia, Hite said. He cited the academic achievements of students from Julia R. Masterman School and other magnet schools.

Masterman's [parent association](#) provides resources to the school that supplement the general allocation it receives. Demographically, Masterman has less economically disadvantaged students compared to non-magnet and neighborhood schools in the city.

The [school funding trial](#) began in November – seven years after the lawsuit was filed. The suit initially was rejected by the Commonwealth Court, which ruled its claims were a legislative matter, not a legal one. But the

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state Supreme Court overturned that ruling in 2017, allowing for the trial to be held.

The district's chief financial officer is expected to testify later this week. But during direct examination, Hite said the district is still recovering from the massive staff cuts and layoffs that occurred amid his first years as superintendent.

In 2013, the district was experiencing "financial distress," and on track for a \$1.5 billion deficit. To reduce costs, the district cut nearly 20% of its employees, [resulting in nearly 4,000 layoffs](#).

The district [closed 24 schools](#), and opened the 2013-2014 school year primarily with principals and teachers, Hite testified. Most guidance counselors, assistant principals, secretaries, support staff, custodians, cafeteria workers, and some school safety officers, were cut.

The district also cut extracurricular activities, laid off many district administrators, including data collectors and district-wide support staff, and ended its credit recovery and summer school programs, he said.

Hite also emphasized the impact of losing maintenance staff, given that the average public school building in Philadelphia is 70 years old. In 2021, City Controller Rebecca Rhynhart released an interactive list of [asbestos issues in district buildings](#). The issue has led to multiple school closures over the last several years.

The funding issues Hite has experienced at the School District of Philadelphia are very different from those he experienced in his previous school leadership roles in Virginia, Georgia and Maryland.

"We had budgetary challenges. But in those other places, we could take a temporary action which would solve the problem because funding would flow again in those districts," Hite said. "In Philadelphia, the challenges were structural. While we cut expenditures, they continued to outpace the revenue."

Philadelphia public schools are short \$5,583 per student based on a state-established benchmark for adequate funding, according to [FundOurSchools PA](#), the campaign created to promote and raise awareness about the school funding trial.

Hite said the management of the district's budget has improved since he joined, adding that the district has kept expenditures low, but costs have begun to increase. Additional stimulus funding, and increased tax funding provided by the city has helped boost revenue.

Still, Hite said district staffing has not recovered from the 2013 layoffs, saying it is not sufficiently staffed to meet students' needs. The district has publicly stated its current staffing shortages, including teachers and substitutes.

Hite will [depart the district](#) at the end of the school year. The search for his successor is currently underway.

From: Fund Our Schools PA

2/17/23, 2:22 PM Pennsylvania's School Funding System Declared Unconstitutional in Historic Victory for Students — FundOurSchoolsPA.org

BREAKING NEWS:



IT'S TIME
FUND OUR SCHOOLS

February 7, 2023 - Today, Commonwealth Court Judge Renée Cohn Jubelirer ruled that Pennsylvania's school funding system is unconstitutional and must be reformed.

In a 786-page decision, the court found that "All witnesses agree that every child can learn. It is now the obligation of

<https://www.fundourschoolspa.org/news/pennsylvanias-school-funding-system-declared-unconstitutional-in-historic-victory-for-students>

2/17/23, 2:22 PM

Pennsylvania's School Funding System Declared Unconstitutional in Historic Victory for Students — FundOurSchoolsPA.org

the Legislature, Executive Branch, and educators, to make the constitutional promise a reality in this Commonwealth."

The court order calls for the "respondents, comprised of the Executive and Legislative branches of government and administrative agencies with expertise in the field of education, the first opportunity, in conjunction with Petitioners, to devise a plan to address the constitutional deficiencies identified herein."

The court rebuffed respondents' argument that the current system is adequate, saying "In the 21st century, students need more than a desk, chair, pen, paper, and textbooks."

The Education Law Center and Public Interest Law Center issued the following joint statement earlier today:

"Today's decision declaring Pennsylvania's school funding system unconstitutional is a historic victory for Pennsylvania's public school children. It will change the future for millions of families, so that children are no longer denied the education they deserve. The court recognized that our schools require adequate funding to meet our constitution's mandate.

It's time for our state legislature to fund public schools in every corner of Pennsylvania so all students, whether or not

<https://www.fundourschoolspa.org/news/pennsylvanias-school-funding-system-declared-unconstitutional-in-historic-victory-for-students>

From: Fund Our Schools PA

2/17/23, 2:22 PM

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they live in a wealthy community, can receive the quality public education guaranteed in our state constitution.”

“The court’s decision recognizes what we showed during trial: Every year, hundreds of thousands of children in public schools in lower-wealth communities across Pennsylvania are being denied the basic resources needed for a quality education because the state is not adequately or equitably funding our schools,” said ELC legal director Maura McInerney. “The court’s order directs the state to change the way it funds our public schools from the current two-tiered system divided by local wealth to one that provides sufficient resources for all children.”

“This is a huge victory. Educators know that every child can learn, and they know the kinds of support that their students need to reach their potential,” said Dan Urevick-Ackelsberg, senior attorney at the Public Interest Law Center. “Our clients and others in low-wealth districts in Pennsylvania also know that for too long, they have had to triage their students’ needs, leaving some students behind because of the state’s failure to provide adequate funding for public education. Today’s decision makes it clear that this inequitable status quo cannot continue, and that every child in Pennsylvania has a fundamental right to receive a comprehensive, effective, and contemporary public education.”

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“Education is the great equalizer --- the key that opens the door to life-changing opportunities and world-changing ideas,” said Katrina Robson, partner at O’Melveny & Myers LLP. “No child should be left with their hand up, begging for but denied that opportunity. We are gratified by the judge’s ruling, which will help ensure that all children in Pennsylvania have equitable access to quality education. And we are proud of the legal team that worked tirelessly—for years—to help achieve this critically important result.”

Here is the language of the court order:

1. The Education Clause, article III, section 14 of the Pennsylvania Constitution, requires that every student receive a meaningful opportunity to succeed academically, socially, and civically, which requires that all students have access to a comprehensive, effective, and contemporary system of public education;
2. Respondents have not fulfilled their obligations to all children under the Education Clause in violation of the rights of Petitioners;
3. Education is a fundamental right guaranteed by the Pennsylvania Constitution to all school-age children residing in the Commonwealth;
4. Article III, section 32 of the Pennsylvania Constitution imposes upon Respondents an obligation to provide a

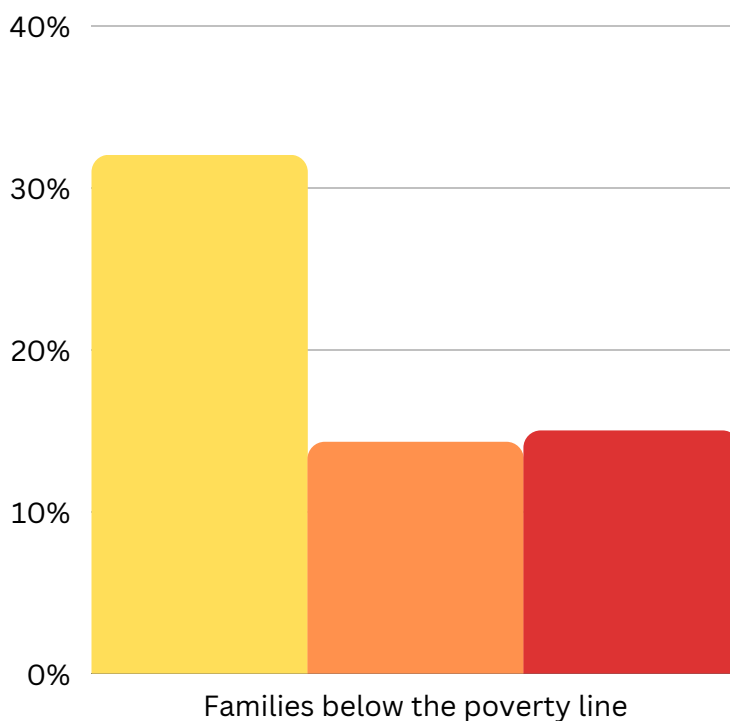
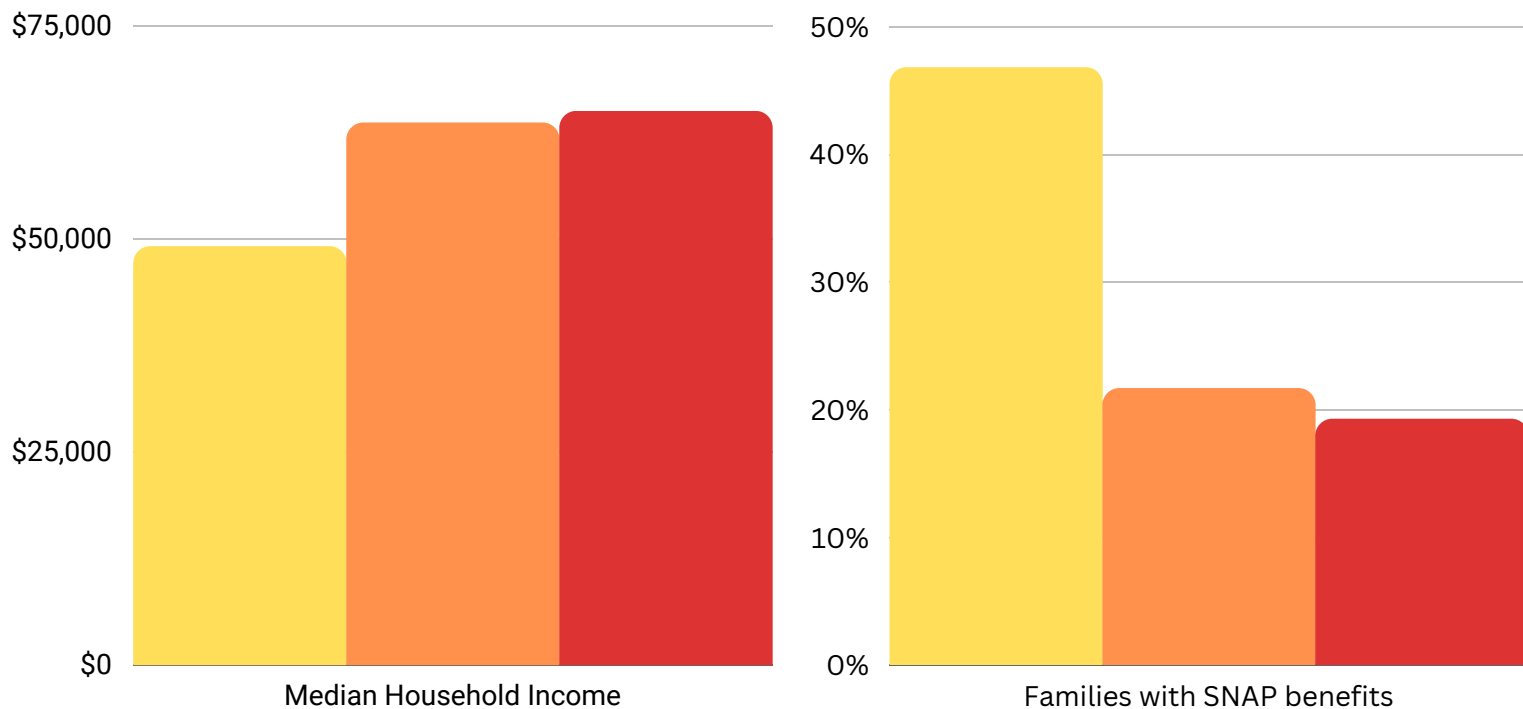
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School District of Philadelphia Charts

From the National Center for Education Statistics:

SDP PA National



Title I

Every school in the School District of Philadelphia receives Title I federal funding.

"Title I, Part A (Title I) of the Elementary and Secondary Education Act, as amended by the Every Student Succeeds Act (ESEA) provides financial assistance to local educational agencies (LEAs) and schools with high numbers or high percentages of children from low-income families to help ensure that all children meet challenging state academic standards. Federal funds are currently allocated through four statutory formulas that are based primarily on census poverty estimates and the cost of education in each state..."

US Department of
Education