



PTY Alliance, LLC

20 Westminister Road, Suite C2 Brooklyn, NY 11218
www.ptyalliance.com

Our Mission

PTY Alliance, LLC delivers **STEM education and technical support services** designed to close the digital divide and expand opportunities for underrepresented students. Our mission is to provide students with the skills, confidence, and pathways needed to excel in high-demand STEM fields.

We believe technology is a driver of **career readiness, personal growth, and equity**. By engaging students, parents, and educators, we foster inclusive learning environments that build achievement and measurable impact across schools.

Programs and Offerings

- **Drone Sports & Aviation Pathways** – Agility Drones, Drone Soccer; teamwork, physics, and applied aviation.
- **Creative Coding & Web Development** – From fundamentals to advanced programming, aligned with digital literacy goals.
- **Robotics & LEGO Leagues** – Hands-on problem-solving with competitive and collaborative design.
- **3D Printing & Digital Fabrication** – Creativity meets engineering, producing real-world prototypes.

All programs run from **introductory through advanced levels**, inspiring curiosity while preparing students for the future of work.

Support Services

- Teacher professional development to embed STEM into daily instruction
- Parent workshops to extend learning beyond the classroom
- Full equipment kits, including drones, safety, gear, and software integration

Contact

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Visit Our Website: pty.support

Why PTY Alliance for DOE

- **Proven Success in NYC Public Schools** – Demonstrated outcomes in student engagement, skill-building, and academic performance.
- **Equity-Driven Model** – Focused on closing gender and racial gaps in STEM while creating inclusive, student-centered learning spaces.
- **Scalable & Flexible Programs** – Customized for after-school, in-school, or enrichment settings to meet DOE scheduling and space requirements.
- **Comprehensive Support** – Teacher PD, parent workshops, and turnkey equipment solutions ensure seamless implementation.
- **MWBE Certification Pending** – Strengthening DOE's supplier diversity and equity goals.
- **Technical Expertise** – Deep knowledge in hardware, software, and instructional technology integration.

Implementation and Logistics

- **Target Grades:** 4th/5th and up
- **Class Size:** Up to 15 students per session
- **Space & Tech Needs:**
 - Drones: Gym, cafeteria, or large multipurpose space
 - Coding/Web Dev: PC/Mac/Chromebook with modern GPU/browser
 - Robotics: Computer with USB port
 - 3D Printing: Minimum of 2 printers

Past Performance (Select Sites)

- JHS 8 Richard S. Grossley
- A. Philip Randolph Campus HS / Opus / Arise
- Eagle Academy for Young Men of Harlem
- Mott Hall V
- JHS 292 Margaret S. Douglas

NAICS Codes

- **611710** – Educational Support Services
- Supplementary: 541519, 541511