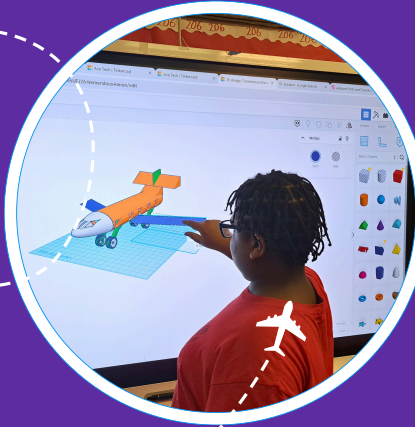# HopePHL

Tech St@rs Air - Piloting Program Application 2025

Tuesday, March 4th, 2025 – 5 pm to 7 pm:
Meet and Greet Accepted Students & Parents

- **4 WEEK PILOTING PROGRAM:**
  Tuesdays and Thursdays from March 4th to March 27th.
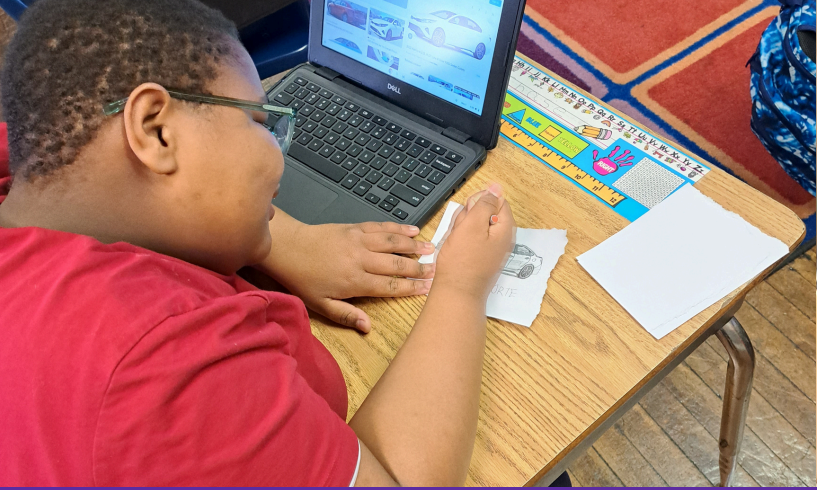 **March: 4th, 6th, 11th, 13th, 18th, 20th, 25th, 27th.**
- **2-hour Class:**
  There will be a 1-hour classroom lesson/instruction, and each student will have 10-20 minutes of hands-on Flight Simulator practice. Due to Limited Access, only 5 children will be chosen.

The Air Flight Simulator accommodates one user at a time. Students rotate through activities, present, and share their work when not in the chair or observing the flights.

We use the ISTE (International Society for Technology in Education) Standard for research: Empowered Learner, Knowledge Constructor, and Creative Communicator.

Tech St@rs Air Flight Simulator PILOTING PROGRAM will include a proprietary aviation instruction curriculum (see other side).

- Care and Treatment of the equipment, vocabulary, instructor demos, and student flights.
- Broad highlights of the history and methods of air travel & Fundamentals of aircraft physics.
- Short research projects on the history of human flight, notable inventors and aviators, and the fundamental physics of flight for various aircraft.
- The opportunity to design items using 3D modeling software & our 3D printers.

The students will be assessed via:

- Lessons/assessments completed with Gleim software.
- Conduct and collegiality, research completed and presented to the group.
- Design projects attempted/completed.
- Flight Simulator Lessons: Lesson & 3D Printing Materials.
- Social Media creation: FB, Instagram, Website.

Contact Curri Stewart:

Call 267-777-5860 or email di@hopephl.org

CENTER FOR DIGITAL INCLUSION & TECHNOLOGY

DIGITAL LITERACY • ACESS • INNOVATION
A Program of HopePHL Community Development Corporation