



Art Harper Saturday Academy

Member of the STEM PUSH Network, an NSF INCLUDES Alliance

The Art Harper Saturday Academy (AHSA) was established in 2019 at Stevens Institute of Technology to encourage and inspire students to pursue STEM as a career field and provides them with the tools needed to succeed. Beginning their sophomore year, students participate in the program for 10 Saturdays per academic year. Participants can remain in the program through senior year of high school.

In the program, students complete a math course and a project design course and are able to attend special presentations on topics such as college preparation and career exploration.

“*The Academy’s Project Design course dealt with more STEM than a typical science course in high school. It offers a way to problem solve in a creative manner.*
2019 Art Harper Saturday Academy Student”

Art Harper Saturday Academy emphasizes & develops several targeted outcomes, including:

- Problem solving, critical thinking, and presentation skills
- Ability to work in collaborative environments
- Confidence & agency
- STEM identity & sense of belonging
- Awareness of STEM opportunities & careers



Students demonstrate these skills through completing a poster presentation on project design topics such as: environmental, mechanical, biomedical, and industrial and systems engineering.

About the STEM PUSH Network

STEM PUSH, an NSF INCLUDES Alliance, is a national network of pre-college STEM programs who are engaging youth historically underrepresented in STEM to learn & do in-depth, authentic science, and ultimately to persist in STEM through college & beyond. More information available at stempushnetwork.org.



Program Features

Math & Engineering

STEM Focus



5 hours/week

for 10 weeks, October through April

~45 students

served each year

Free for students to attend; public transit to Stevens is subsidized

95% of students are underrepresented in STEM

Program Results

89% of Art Harper alumni attend college, including schools with strong STEM programs like:

- Brown University
- New Jersey Institute of Technology
- Rutgers University
- University of Pennsylvania

Connect with Art Harper!

Contact Edlyn Thompson-Mettle at ahsa@stevens.edu to schedule a visit.

More information available at stevens.edu/ahsa.