

ACCOMPLISHMENTS

2019

Waterbury - NE District

- Safety Award
- Entrepreneurship Award

Bridgewater-Raritan - FMA District

- Finalist

Montgomery - FMA District

- Semi-Finalist
- Entrepreneurship Award

FIRST Mid-Atlantic District Championship

- Quarter Finalist
- Dean's List Finalist: Hannah Epstein
- Safety Award

FIRST Championship Detroit Darwin Sub-Division

- Captain of Alliance One
- Undefeated in Qualification Matches
- Semi-Finalist

FIRST Championship Detroit Darwin-Curie Division

- Innovation in Control Award
- Saety Award Finalist

2018

Waterbury - NE District

- Semi-Finalist
- Entrepreneurship Award
- Industrial Safety Award

Bridgewater-Raritan - FMA District

- Quarter-Finalist
- Excellence in Engineering Award

Montgomery - FMA District

- Semi-Finalist
- Industrial Safety Award

FIRST Mid-Atlantic District Championship

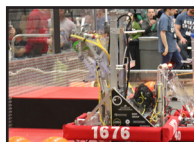
- Semi-Finalist
- Woodie Flowers Finalist: Kevin Killian
- Dean's List Finalist: Hannah Epstein
- Industrial Safety Award

FIRST Championship Detroit Carson-Tesla Division

- Gracious Professionalism Award
- Industrial Safety Award

OUR ROBOTS

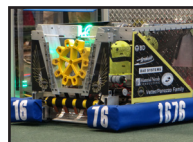
2019
Laika



2018
Dragon'



2017
Brazil'



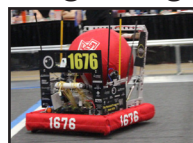
2016
Leonardo



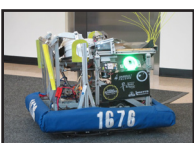
2015
Reaper



2014
Nightwing



2013
Sidewinder



2012
Iron Horse



2011
Mantasaurus



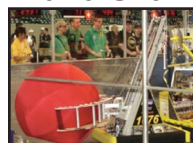
2010
Weeble



2009
Apollo



2008
Land Shark



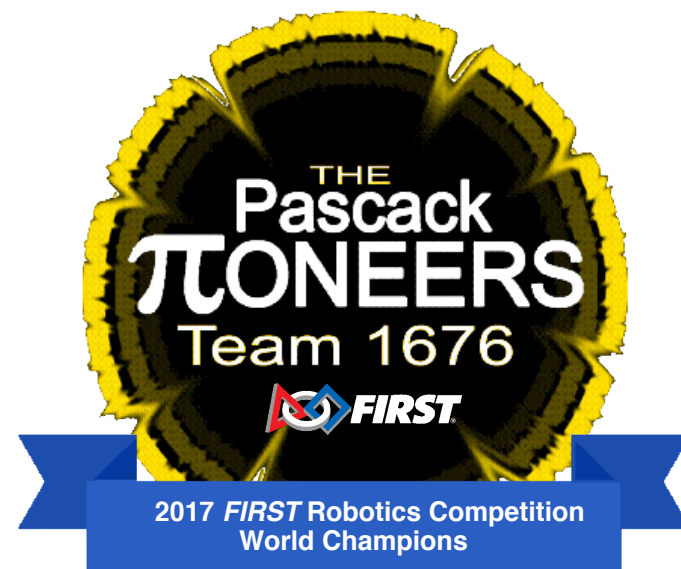
2007
Johnny Five



2006
Clyde



2005
Scorpion



www.team1676.com

Pascack Valley Regional High School District

Montvale, New Jersey

Pascack Hills High School • Pascack Valley High School

Montvale • Woodcliff Lake Hillsdale • River Vale



FOR INSPIRATION & RECOGNITION OF SCIENCE & TECHNOLOGY

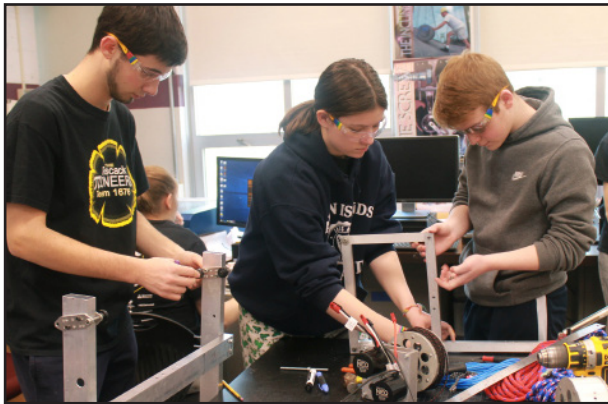
www.firstinspires.org

WHO WE ARE

The Pascack Pi-oneers are a *FIRST* Robotics Competition (FRC) Team. We are a proud culmination of students from Pascack Hills High School and Pascack Valley High School.

Team 1676 was established in the fall of 2004 by a student and former teacher at Pascack Hills High School, and Mercedes-Benz, the team's first corporate sponsor.

With 15 years of experience, the Pascack Pi-oneers have grown from 35 members to 92 members.



WHAT IS *FIRST*?

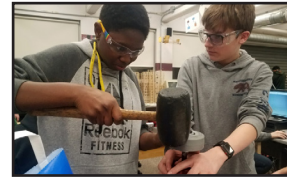
FIRST (For Inspiration and Recognition of Science and Technology) is an international on-profit organization that aspires to "transform culture, making STEM, science, technology, engineering and math, as cool for kids as sports are today."

FIRST was founded in 1989 by Dean Kamen, Inventor of groundbreaking medical devices as well as the Segway Human Transporter. Kamen's vision is to inspire in young people, their schools, and communities, an appreciation of science and technology, and to show how mastering these skills can enrich the lives of all.

Over 615,000 students participating in 2019.

WHAT WE DO

Supported by coaches, teachers, and community mentors, the students take part in a yearly game challenge issued by *FIRST* in which they have six weeks to design and build a robot for competition.



OUR GOAL

Our goal is to operate as a cohesive team, competing with Gracious Professionalism under the guise of *FIRST* and developing our students' abilities to collaborate, create and develop as individuals and collectively as a team. In addition, the team values its impact in the community and around the world.

THE 2019 GAME

Destination: Deep Space

Two competing robot alliances depart their habitats and work to secure hatches on a cargo ship and rockets, which are then loaded with cargo before the next sandstorm hits in 2:30 minutes.



SOCIAL MEDIA

- **Facebook:** Team 1676 - Pascack Pi-oneers
- **Twitter:** @frcteam1676
- **Twitter:** Arts in STEAM @theARTSinSTEAM
- **Instagram:** @frcteam1676

STATISTICS

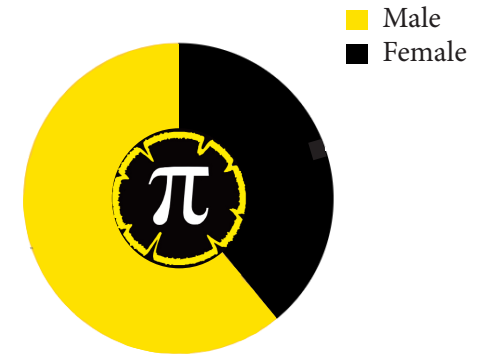
39.1% Female

60.9% Male

100% Graduation Rate

90% of Pi-oneers Major in STEAM Subjects in College

57% Female Leadership



TEAM ORGANIZATION

The team is organized into Divisions and Sub-Divisions for maximum efficiency.

Management, Outreach & Design

- Animation
- Awards
- Finance
- Graphics
- Media

Robot

- Computer-Aided Design
- Carpentry
- Chassis
- Mechanical
- Infotech
- Robot Programming
- Safety**

