



# SCHOOL PROFILE 2023-2024

**Murat Yurttaser**

Director of College Counseling  
murat.yurttaser@pioneeracademy.org

**Minkyu Kim**

Assoc. Director of College Counseling  
minkyu.kim@pioneeracademy.org

**Owen O. Akman**

Head of School

**Ali Bilgin**

Upper School Principal

164 Totowa Rd. Wayne NJ 07470

Phone: (973) 405-5169 Fax: (973) 405-6470

[www.pioneeracademy.org](http://www.pioneeracademy.org)

CEEB Code: 310249

**David Adams**

Senior College Counselor  
david.adams@pioneeracademy.org

**Nilgun Atay**

College Counselor  
nilgun.atay@pioneeracademy.org

## SCHOOL OVERVIEW

Founded in 1999, Pioneer Academy is an independent co-ed school for grades pre kindergarten through grade twelve. The school is located in Wayne NJ, a residential neighborhood in North Jersey, on an 17.8 acre campus. Pioneer Academy has high academic expectations of its students, and all courses help them to develop the foundation they will need to succeed in further education and their careers. physical and moral development of the students. Pioneer welcomes applicants of all races, religions and ethnic origins and does not discriminate on the basis of race, religion, sexual orientation or ethnic origins in the administration of its policies and programs.



Pioneer Academy is accredited by The Middle States Association of Colleges and Schools and is a member of New Jersey Association of Independent Schools (NJ AIS).

# #1

average SAT score  
among public & private  
schools in Passaic County

# 45

Seniors  
in Class of 2024

# 33

Honors & AP  
Courses

# 25%

of students receive  
financial aid

## OUR MISSION

Pioneer Academy fosters an inclusive environment, with state-of-the-art facilities, for students to grow in knowledge through a rigorous curriculum grounded in ethical principles and multicultural awareness, inspired by engaging faculty.

## OUR VISION

We aim to inspire curious, creative, compassionate, and committed global citizens through intellectual growth and personal excellence within an ethical framework. We celebrate the pursuit of knowledge as inseparable from the development of character.

## STUDENT BODY

443 STUDENTS

191 UPPER SCHOOL (9-12)

45 CLASS OF 2024

78 GIRLS

113 BOYS

31 BOARDING

51 INTERNATIONAL

## GRADUATION REQUIREMENTS

English.....	4 Years
Math.....	3 Years
Social Studies.....	3 years
Science.....	3 years
World Language.....	2 years
Physical Education.....	2 years
Fine Arts.....	1 year
21st Century Life & Careers.....	1 year
Financial Literacy.....	1 semester

A+ : 98-100	B+ : 87-89	C+ : 77-79	D+ : 67-69
A : 93-97	B : 83-86	C : 73-76	D : 63-66
A- : 90-92	B- : 80-82	C- : 70-72	D- : 60-62

Pioneer Academy uses a weighted GPA system when reporting to the colleges. Pioneer does NOT provide ANY CLASS RANK because of the small class sizes.

### Principal's List

Awarded at the end of each quarter to students who earn a 4.0 grade point average.

### High Honor Roll

Awarded at the end of each quarter to students who earn a 3.75 grade point average.

### Honor Roll

Awarded at the end of each quarter to students who earn a 3.5 grade point average.

## COURSE OFFERINGS

Pioneer Academy offers 4 types of courses: **AP**, **Honors**, **College Prep** and **Regular**.

### English Language Arts

English I (Introduction to Literature), Honors English I (Honors Introduction to Literature), English II (World Literature), Honors English II (Honors World Literature), English III (American Literature), Honors English III (Honors American Literature), English IV (British Literature), Honors English IV (Honors British Literature), College Writing, and AP English Language & Composition

### Mathematics and Computer Science

Algebra I, Honors Algebra I, Algebra II, Honors Algebra II, Geometry, Honors Geometry, Precalculus, AP Precalculus, Calculus I, AP Statistics, AP Calculus AB, AP Calculus BC, Introduction to Computer Programming, Introduction to Engineering & Robotics, AP Computer Science Principles, Web Development, and AP Computer Science A

### World Languages

Arabic I, Honors Arabic II, Honors Arabic III, Honors Arabic IV, Spanish I, Spanish II, Honors Spanish II, Spanish III, Spanish IV

### Physical Education/Health

Physical Education and Nutrition & Wellness

### Science

Anatomy and Physiology, Biology, Honors Biology, Chemistry, Honors Chemistry, Intro to Organic Chemistry, Environmental Science, Forensic Science, Molecular Biology & Genetics, Physics, AP Chemistry, AP Biology and AP Physics I

### Social Studies

Intro to Business, Financial Literacy, African American Studies, Asian American Studies, Entrepreneurship, Marketing, Democracy & Civil Engagement, National & International Current Affairs, Media Literacy, Modern World History, Psychology, US History, Intro to World Religions, Intro to Social and Political Psychology, Sociology of the Future, Global Issues, Honors Modern World History, Honors US History, AP Psychology, AP Comparative Gov. & Politics, AP Macroeconomics, AP Microeconomics, AP European History, AP US Gov. & Politics, and AP US History

### 21st Century Life & Careers

Democracy & Civil Engagement, National & International Current Affairs, and Public Speaking

### Visual & Performing Arts

History of Visual Communication, Graphic Design, Digital Art, Contemporary Arts and Musical Instruments



## PROFILE OF GRADUATES

*Our graduates are more than just academically accomplished. They possess character, leadership skills, and a global perspective, making a significant impact. They epitomize our mission of academic excellence, cultural diversity, and community engagement.*

## Character Development

Our graduates are academically accomplished and exemplify qualities such as integrity, empathy, resilience, and a strong work ethic. They are well-rounded individuals prepared for life's challenges with determination and grace.

## Leadership Skills

Our graduates are natural leaders, honing their skills through participation in various activities. They're confident, articulate, and proactive, showcasing leadership qualities in diverse settings.

## Global Perspective

Our graduates are well-prepared to navigate diverse cultures and global perspectives through active participation in global programs and events. This empowers them to thrive in an interconnected world and contribute to global problem-solving.

## Community Engagement

We foster a strong sense of social responsibility in our graduates. They're committed to positive change through active community involvement and leadership, making a tangible impact in the world.

## Cultural Diversity

Pioneer Academy is committed to diversity and inclusion. Our graduates hail from diverse cultural backgrounds, fostering a global perspective. They value diversity in today's interconnected world.

## Academic Excellence

Pioneer Academy graduates excel in a rigorous curriculum that emphasizes critical thinking and problem-solving. They've earned prestigious scholarships and gained admission to top universities. These students are driven, curious, creative, and ready for the challenges of higher education.

## SEVEN-YEAR COLLEGE MATRICULATIONS

American University  
Amherst College  
Barnard College of Columbia Uni.  
Baruch College  
Binghamton University  
Boston College  
Boston University  
Brandeis University  
Brown University  
Carnegie Mellon University  
Case Western Reserve University  
Colgate College  
College of William & Mary  
Connecticut College  
Cornell University  
Drexel University  
Duke University  
Emory University  
Fordham University  
George Mason University  
George Washington University  
Georgetown University  
Harvard University  
Haverford College  
Illinois Institute of Technology  
Johns Hopkins University  
Lafayette College  
Lehigh University  
Montclair State University  
New Jersey Institute of Technology  
New York Institute of Technology  
New York University  
Northeastern University  
Northwestern University  
Ohio State University  
Penn State University  
Princeton University  
Purdue University  
Ramapo College  
Rensselaer Polytechnic Institute  
Rice University

Rochester Institute of Technology  
Rutgers University  
Seton Hall University  
Stevens Institute of Technology  
SUNY – Binghamton  
SUNY – Stony Brook  
Syracuse University  
Temple University  
The College of New Jersey  
The Ohio State University  
Tufts University  
University of California–Berkeley  
University of California–Irvine  
Univ. of California–Los Angeles  
Univ. of California–San Diego  
Univ. of California–Santa Barbara  
University of Chicago  
University of Colorado  
University of Connecticut  
University of Delaware  
University of Illinois  
UMASS – Amherst  
Univ. of Michigan – Ann Arbor  
University of Notre Dame  
University of Pennsylvania  
University of Pittsburgh  
University of Rochester  
University of Southern California  
University of Sydney  
University of Texas at Austin  
University of Texas at Dallas  
University of Toronto, Canada  
University of Virginia  
University of Washington  
University of Wisconsin – Madison  
Vanderbilt University  
Villanova University  
Virginia Tech University  
Washington University in St. Louis  
Williams College  
Yale University

## 19\* COUNTRIES REPRESENTED ON CAMPUS



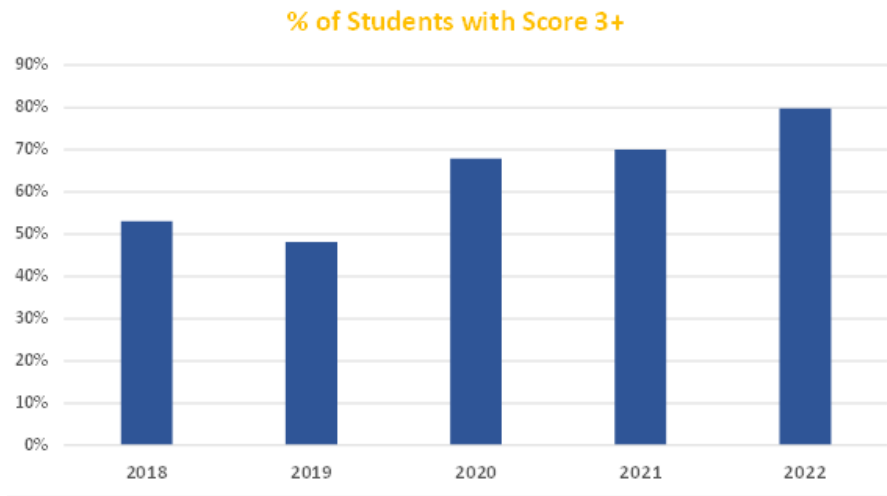
\*INTERNATIONAL STUDENTS

## AP COURSES

AP Precalculus	AP English Language & Composition
AP Calculus AB	AP Comparative Government & Politics
AP Calculus BC	AP US History
AP Physics I	AP US Government & Politics
AP Chemistry	AP Psychology
AP Biology	AP European History
AP Computer Science A	AP Microeconomics
AP Computer Science Principles	AP Macroeconomics
AP Statistics	

## FIVE-YEAR AP SUMMARY

	2018	2019	2020	2021	2022
# of Students	66	54	53	50	74
# of Exams	112	83	96	87	152
Students w Score 3+	35	26	36	35	59
% of Students w Score 3+	53%	48%	68%	70%	80%



## STEAM PROGRAM



STEAM Education at Pioneer Academy stimulates innovation, creativity, critical thinking, communication and problem-solving skills, resulting in a well-rounded, multi-faceted child. It encourages children to think about what they're learning in a more connected, holistic way to address the challenges of the 21st century.

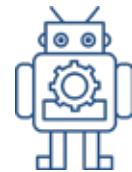
Our STEAM Program is based on strategies designed to engage students in learning at high standards, including academically based community service, civic education, environmental education, place based learning, service learning, and work-based learning.

We work with our community to empower our students through the collaborative design of transformative, authentic educational experiences that leverage contemporary tools, practices and spaces.

## FACULTY PROFILE

58	74%	8:1
Number of Faculty	of Faculty w/ Masters or PhD	Student/Faculty Ratio

## ROBOTICS PROGRAM



Our Robotics Program is a place for students to come together and learn about the technology of robotics, as well as how to build their own robots. The club gives students an opportunity to learn valuable skills like problem-solving and critical thinking, which can be applied to many other areas of life.

PioTech Robotics Team is an award winning Robotics Club at Pioneer Academy. PioTech is part of the FIRST Robotics Competition, an international robotics competition consisting of more than 3200 teams across 26 countries.

PioTech Robotics alumni have been accepted into top universities including Princeton, Brown, Northwestern, Johns Hopkins among many others. Our efforts have also been awarded by NASA with a \$11,000 donation so far to support us for the upcoming competitions.

## STUDENT CLUBS

Art Portfolio	Movie Club
Book	Music Performance
Board Games	National Honor Society
Media & Broadcasting	Newsletter & Yearbook
Calligraphy	Photography
Chemistry	Project Olympiad
Chess	Robotics
Coding	Rocketry
Civic Engagement	Stock Market
DECA	Student Government
Debate	Spanish Cooking
Dungeons & Dragons	Table Tennis
Fitness	Trivia
Girls Basketball	Varsity Basketball
Intro to Medicine	Varsity Soccer
Life Savers	Varsity Volleyball
Math Olympiad	Virtual Reality
Model United Nations	Women's Wellness

100%

OF PIONEER GRADUATES ATTEND A FOUR-YEAR COLLEGE

92%

OF PIONEER GRADUATES ARE ACCEPTED TO TOP 100 COLLEGES



