

## 2025-26 School Profile

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### ADMINISTRATION

<b>Madam Pengzhi Liu,</b> <i>Head of School</i>	<b>Steven Brownstein,</b> <i>Head of STEAM Department</i>
<b>Adam Kemp,</b> <i>Co-Principal</i>	<b>Zachary White,</b> <i>Head of Humanities Department</i>
<b>Qiusheng Li,</b> <i>Co-Principal</i>	<b>Kenneth Jones,</b> <i>Head of Operations and Facilities</i>
<b>Dr. Xiaoyu Wang,</b> <i>Deputy Principal</i>	<b>Dr. Yang Yang,</b> <i>Director of Admissions</i>
<b>Dr. Qiang Chen,</b> <i>Deputy Principal</i>	<b>Hang Gao,</b> <i>Director for Student Life</i>
<b>Bradford Carpenter,</b> <i>Asst. Principal</i>	<b>Marilee Jones,</b> <i>Dean of College Counseling</i>
<b>Dr. Xiang Gong,</b> <i>Asst. Principal</i>	<b>Eugene Mok,</b> <i>School Counselor</i>

### ABOUT OUR SCHOOL

Princeton International School of Mathematics and Science (PRISMS) is a comprehensive four-year international boarding and day school enrolling students grades 9-12. The school was founded in 2013 on the concept of combining the best of STEM education from the East and the West. PRISMS emphasizes the research and development process by reinforcing research skills, such as open-minded inquiry, problem solving, and innovation, and requires each student to complete a two-year original research project.

PRISMS is accredited by Middle States and holds membership in the NAIS (National Association of Independent Schools) and NACAC (National Association of College Admission Counseling).

### MISSION STATEMENT

Princeton International School of Mathematics and Science immerses a multicultural, self-motivated student body in an integrated STEM-centered curriculum and a research program that identifies and develops each student's potential. Our approach promotes critical thinking, imagination, and deep curiosity, and enables students to ask meaningful questions and to contribute to a diverse and dynamic world.

### ACCOLADES

- ◇ Rated #3 Best Boarding High Schools in NJ by Niche
- ◇ Rated #4 Best Private High Schools in NJ by Niche
- ◇ Rated #7 Best High Schools for STEM in USA by Niche

### SCHOOL DATA



- ◇ 120 Students
- ◇ 45% International Students
- ◇ 48% Boarding Students
- ◇ Class of 2026: 24 Seniors



- ◇ 4.3:1 student to faculty ratio
- ◇ 28 Faculty
- ◇ 36% holding Doctorate
- ◇ 50% holding Master's

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## PRISMS RESEARCH PROGRAM

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### Overview

A core feature of the PRISMS educational experience is a four-year STEM research program threaded through our curriculum. In grades 9 and 10, students begin by learning research skills, preparing them for meaningful STEM research in grades 11 and 12.

### Bridging the Arts, Science, and Engineering (BASE) Program

All freshmen participate in BASE Program. BASE bridges a common topic of study among the arts, sciences, and engineering and uses a process-oriented approach to help students establish connections across the disciplines. Student groups learn to collect and analyze data, conduct literature searches, and prepare publications and presentations through long-term independent scientific research.

### Applied Engineering

Students take *Applied Engineering 1 and 2* in grades 9 and 10, developing research skills in practical problem-solving: design, build, and test. Scientific research skills, such as statistics, experimental design, and literature review, also build on the BASE Program and are incorporated into required 9<sup>th</sup> and 10<sup>th</sup> grade science courses.

### Research and Development Labs

In grades 11 and 12 (typically after completing the BASE program, *Honors Chemistry, Honors Physics, and Applied Engineering 2*), students choose a topic in which to conduct research within one of our STEM research areas: applied engineering, applied physics, artificial intelligence, biology, environmental & chemical analysis, environmental sustainability, mathematics & statistics, modern & astrophysics, and neuroscience. Typically, a student will begin working on a project in the 11<sup>th</sup> grade and continue it through the 12<sup>th</sup> grade.

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## CURRICULUM HIGHLIGHTS

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### AP Courses Offered

<i>AP Biology</i>	<i>AP World History</i>
<i>AP Chemistry</i>	<i>AP US History</i>
<i>AP Environmental Science</i>	<i>AP US Government and Politics</i>
<i>AP Physics C</i>	<i>AP Comparative Government</i>
<i>AP Calculus AB</i>	<i>AP Visual Arts Studio</i>
<i>AP Calculus BC</i>	<i>AP Spanish</i>
<i>AP Statistics</i>	<i>AP Mandarin</i>
<i>AP Computer Science A</i>	

### Post-AP Courses Offered

<i>Molecular Biology &amp; Biotechnology</i>	<i>Microeconomics</i>
<i>Fundamentals of Neuroscience</i>	<i>Modern Physics</i>
<i>Organic Chemistry &amp; Biochemistry</i>	<i>Linear Algebra</i>
<i>Inorganic &amp; Analytical Chemistry</i>	<i>Differential Equations</i>
<i>Industrial Design</i>	<i>Multivariable Calculus</i>
<i>Advanced Robotics</i>	<i>Artificial Intelligence &amp; Computational Modeling</i>
	<i>Interactive Media &amp; Game Development</i>

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## GRADING, GPA CALCULATION, & RANKING

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Student GPA is computed using the grade scale below. Courses transferred for high school credit from other high schools are not included in student GPA. Honors, AP, and post-AP grades are not weighted in computing GPAs. Students are not ranked. Final grades are recorded on the transcript, and GPAs are computed at the end of each semester.

### Grade Scale

<b>A</b> 93-100	<b>B+</b> 87-89	<b>B-</b> 80-82	<b>C</b> 73-76	<b>D+</b> 67-69	<b>F</b> 63 & Below
<b>A-</b> 90-92	<b>B</b> 83-86	<b>C+</b> 77-79	<b>C-</b> 70-72	<b>D</b> 64-66	

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## CLUBS AND ATHLETICS

	<b>Clubs</b>	<b>Athletics</b>
<p>PRISMS students have the opportunity to participate in a number of clubs and athletics, many of which are student created and led. PRISMS's clubs and athletics include:</p>	<div>Active Minds</div> <div>Audio/Video Club</div> <div>Aviation Club</div> <div>Business and Entrep. Club</div> <div>Chempetition</div> <div>Chess Club</div> <div>Choir</div> <div>Computer Science Club</div> <div>Engineering/3D Design</div> <div>Environmental Impact Club</div> <div>FIRST Tech Challenge (FTC)</div> <div>History Club</div> <div>Jazz Band</div> <div>Linguisitcs Club</div> <div>Math &amp; Science Circle</div> <div>Mock Trial Club</div> <div>Model UN</div> <div>PRISMS Gives</div> <div>PRISMathics</div> <div>Refugee Program</div> <div>Science Bowl</div> <div>Science Olympiad</div> <div>Theatre Club</div> <div>Yearbook</div>	<div>Badminton</div> <div>Basketball</div> <div>Cycling</div> <div>Golf</div> <div>Ping Pong</div> <div>Running</div> <div>Soccer</div> <div>Tennis</div> <div>Ultimate Frisbee</div> <div>Volleyball</div> <div>Walking</div>

## STANDARDIZED TESTING

<b>SAT Test Scores, Averages, 2024-25</b>				<b>Advanced Placement Results, 2025</b>
	<b>PRISMS</b>	<b>NJ</b>	<b>National</b>	<p>In May 2025, 95 PRISMS students took AP Exams. A total of 287 exams were taken in 27 subjects.</p> <p>◇ 92% of AP Exams scored 3 or higher</p> <p>◇ 76% of AP Exams scored 4 or higher</p> <p>◇ 39% of AP Exams scored 5</p>
<i>Math</i>	757	529	511	
<i>Verbal</i>	707	540	532	

## PRISMS' College and University Acceptances

PRISMS is proud of our students' admissions into top colleges and universities in the United States, United Kingdom, Canada, and other countries abroad. All 217 PRISMS graduates from 2016 to 2025 have matriculated into four-year colleges or universities. This list represents **all institutions** where PRISMS students have **matriculated** in the past **five years** (2021-2025).

Amherst College	Georgia Institute of Technology	Rensselaer Polytechnic Institute (3)
Barnard College	Georgetown University	Rice University (3)
California Institute of Technology	Univ. of Illinois at Urbana-Champaign (13)	Rutgers University-New Brunswick (3)
Universidad Católica de Murcia	Illinois Institute of Technology	Santa Clara University
University of Calif., Berkeley (4)	Johns Hopkins University (3)	University of Southern California (2)
University of Calif., Davis	University of Maryland, College Park	Stanford University (2)
University of Calif., Los Angeles (8)	Massachusetts Inst. of Technology (18)	Syracuse University
University of Calif., San Diego (2)	University of Michigan, Ann Arbor (2)	The New School (2)
University of Calif., Santa Barbara (2)	New York University (4)	University College London
University of Cambridge (4)	Univ. of N. Carolina at Chapel Hill (3)	University of Toronto
Carnegie Mellon University (7)	Northwestern University (4)	Tufts University
Case Western Reserve University	Ohio State University	Vanderbilt University (2)
University of Chicago (3)	University of Oxford (2)	University of Virginia (3)
Claremont McKenna College	Pennsylvania State University	Washington Univ.in St. Louis (2)
Cornell University (3)	Pennsylvania State University, Harrisburg	University of Washington
Duke University (3)	University of Pennsylvania	West Point Military Academy
Emerson College	University of Pittsburgh	University of Wisconsin, Madison (3)
Emory University (5)	Purdue University (2)	Yale University (2)