

2019-2020 School Profile

Princeton International School of Mathematics and Science (PRISMS), Est. 2013

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ABOUT PRISMS //

Matthew Pearce, *Principal*

Dr. Yang Yang, *Director of Admissions/Co-Director of Student Life*

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Princeton International School of Mathematics and Science (PRISMS), located in Princeton, NJ, is a comprehensive four-year international boarding and day school enrolling students grades 9-12. PRISMS is accredited by Middle States and is a member of the NAIS (National Association of Independent Schools) and NACAC (National Association of College Admission Counseling). The school was founded in 2013, on the concept of combining the best of America's and China's STEM education. PRISMS emphasizes the research and development process by reinforcing research skills, such as open-minded inquiry, problem solving, and innovation, and requiring each student to complete a 2-year original research project.

PRISMS Students have the opportunity to participate in a number of clubs and activities, many of which are student created and led. Some of PRISMS's Clubs & Activities include:

*Astronomy & Stargazing
Biology Olympiad
Chemistry Club
Chess Club
Choir
Computing Olympiad
Cookilicious
Dance Club*

*Drumming Club
Entrepreneurship Club
Film Making Club
Game Design
Math Modeling
Media Origin
Mock Trial
Period Club*

*Photography Club
PRISMS Animal Welfare (PAW)
PRISMS FTC
PRISMS Gives
PRISMS Rock Band
Science Olympiad
Theatre Club
Yearbook*

CURRICULUM //

A core feature of the PRISMS educational experience is a four-year STEM research and development program threaded through our four-year high school curriculum. Students begin by learning research skills in order to better prepare them for meaningful STEM research or development projects in grades 11 and 12. In grade 9 all freshmen take the Bridging the Arts Science and Engineering (BASE) Program. In grade 10 all students are required to take Applied Engineering 2 which builds on the grade 9 Applied Engineering 1 Program by offering research skills in the form of practical problem-solving: design, build and test. Scientific Research skills that build on the BASE Program, skills such as statistics, experimental design, literature review, are incorporated into required 9 and 10 grade science courses. In grades 11 and 12 (typically after completing the *BASE program, Honors Chemistry, Honors Physics, and Applied Engineering 2*), students can choose a topic in which to conduct research within one of our STEM Research and Development areas. Typically a student will begin working on a project in the 11th grade and continue it into the 12th grade.

- ***AP Courses Offered:*** AP Biology, AP Chemistry, AP Physics C, AP Environmental Science, AP Calculus AB & BC, AP Statistics, AP Computer Science A, AP US History, AP US Government and Politics, AP Comparative Government, AP World History, AP Literature and Composition, AP Visual Arts Studio, AP Spanish, AP Mandarin, AP French.
- ***Post AP Courses Offered:*** Linear Algebra, Artificial Intelligence, Data Science, Quantum Mechanics, Organic Chemistry & Biochemistry, Inorganic & Analytical Chemistry, Molecular Biology & Biotechnology, Advanced Topics in Molecular Biology.

Grading, GPA Calculation, & Ranking

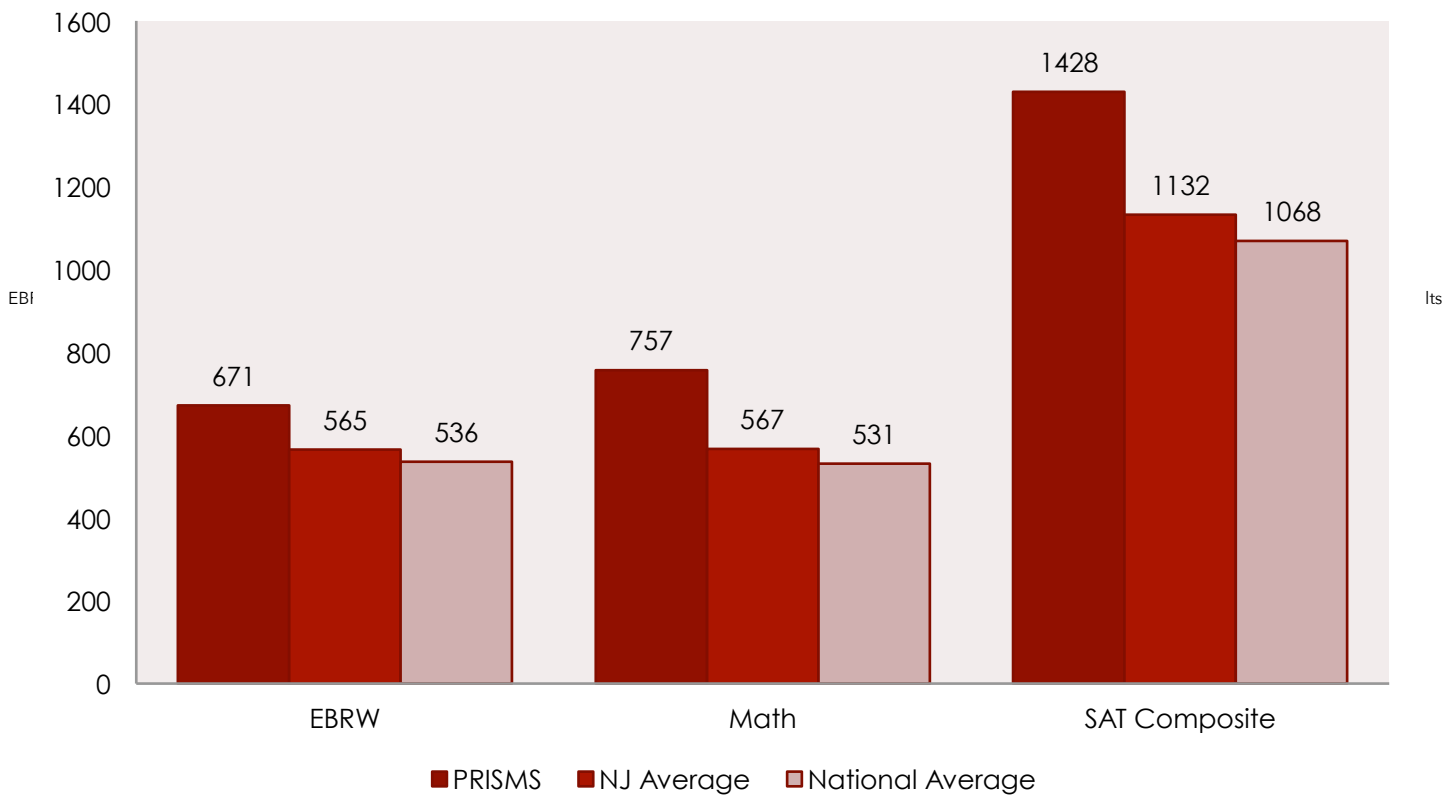
Student GPA is computed using the quality points in the grade scale below. All courses completed for high school credit while enrolled at PRISMS and other High Schools, whether passed or failed and beginning with grade 9, are listed on their transcript. Honors, AP, and Post AP grades are not weighted in computing GPA. Students are not ranked. Final grades are recorded on the transcript and GPA is computed in January and May.

Grade Scale

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

Standardized Testing Results //

Class of 2020 | SAT Results, March 2019:



Advanced Placement Results, 2018-2019

In May 2019, 66 Students took AP Exams

A total of 221 exams were taken in 22 subjects

100% of the AP Exams received an average score of 3 or higher

86% of the AP Exams received an average score of 4 or higher

50% of the AP Exams received an average score of 5

PRISMS University Acceptances – Class of 2016-2019

Bolded indicates college matriculation

Andrews University	Rochester Institute of Technology
Berklee College of Music	Rose-Hulman Institute of Technology
Boston University	Rutgers University-New Brunswick
Brown University	Savannah College of Art and Design
California Institute of Technology	School of The Art Institute of Chicago
California Polytechnic State University, San Luis Obispo	School of Visual Arts
Cambridge University, Trinity College	Tufts University
Carlton College	University of Arizona
Carnegie Mellon University	University of California, Berkeley (6)
Carnegie Mellon University, Computer Science	University of California, Davis
Case Western Reserve	University of California, Irvine
Clark University	University of California, Los Angeles
Columbia University	University of California, San Diego (5)
Cornell University	University of California, Santa Barbara (2)
Cornell University (Architecture)	University of Chicago (3)
Cornell University (College of Engineering) (2)	University College of London
Delft University of Technology	University of Colorado at Boulder
Duke University (2)	University of Illinois at Urbana- Champaign
Eckerd College	Kyoto University
Florida Institute of Technology	University of Maryland, College Park
Fordham University	University of Miami
George Washington University	University of Michigan (2)
Georgia Institute of Technology	University of Minnesota, Twin Cities
Harvey Mudd College	University of North Carolina at Chapel Hill (2)
Haverford College	University of Notre Dame
Howard University	University of Pennsylvania
Illinois Institute of Technology (3)	University of Pittsburgh
Imperial College London	University of Rochester
Indiana University at Bloomington	University of St. Andrews
Johns Hopkins University	University of Southern California
King's College London	University of Toronto
Lafayette College	University of Vermont
Massachusetts Institute of Technology (6)	University of Virginia
New York University	University of Warwick
Northeastern University	University of Washington (2)
Oberlin College of Arts and Sciences	University of Wisconsin, Madison
Olin College of Engineering	Villanova University
Pratt Institute	Virginia Tech
Pennsylvania State University	Warwick University
Princeton University	Washington University in St. Louis
Purdue University	Wellesley College
Rensselaer Polytechnic Institute (3)	Worcester Polytechnic Institute
Rice University (2)	
Ringling College of Art and Design	