

2021-2022
High School Profile

www.stuy.edu
School Code: 334070

Stuyvesant High School

345 Chambers Street, New York, NY 10282
(212) 312-4841

COVID-19 UPDATE

This fall Stuyvesant has fully re-opened for daily in-person instruction with no remote option; this marks the first time Stuyvesant High School students in the Class of 2022 will receive in-person classroom instruction since March of 2020. All NYC high schools closed to students on March 16, 2020 and did not physically reopen for the rest of that term. In 2020-2021, more than 90% of our students were fully remote for all or most of the year. The few students who participated in blended instruction (when available) observed their teachers on their laptops in pods contained within one of our two gyms or the student cafeteria and attended school in-person for two days per week at most. Our extracurricular activities pivoted to a remote format for the duration of the pandemic. PSAL sports were suspended in March 2020 and did not resume until April of 2021.

Many of our students faced a host of challenges with remote learning. These included (but were certainly not limited to):

- inadequate technology access
- family members whose health was directly affected by COVID-19
- lack of suitable work space at home
- responsibilities with younger siblings
- loss of income in their household

Over 93% of our current seniors have taken the ACT or SAT as of September 2021.

Teacher letters of recommendation are more of a challenge this year; junior year teachers taught this class only remotely, and some are taking on fewer rec requests as a result, or feel as if they are unable to provide the same level of detail they might have under normal conditions.

Grading for 2021-2022 will follow pre-COVID policies described in our high school profile.

Spring 2020, Fall 2020, & Spring 2021 Term Grading: In the spring of 2020 the NYC Department of Education released information about new grading policies for all NYC public schools as a result of the school closures brought about by the pandemic. Copied below is the exact language pertaining to high schools from the NYC DOE:

"Your school's existing grading scale applies, but no failing grade will be issued. A "Course in Progress" (NX) will be issued instead. After final grades have been issued, students and families have the option to convert any or all passing final grades to pass (CR will be the symbol used in this case). Any CR grade will not be factored into a students' GPA."

So, final term grades issued for students at the end of the three affected terms were issued on the same numeric scale described in our high school profile. However, students had the option of converting some or all numeric grades from to what is essentially a Pass (CR)/Incomplete (NX) format that do not impact the gpa. They have until the end of each subsequent term to complete work for any incomplete (NX) courses. As such, you may see applicants with only CRs, or a combination of numeric grades and CR/NX, or entirely numeric grades. We ask that you consider the context of this unprecedented time when evaluating student grades and to not make negative assumptions regarding student performance for those students who choose to utilize the CR grading format rather than numeric grades.

Update re: Physics Program

All students in the Class of 2022 took Honors Physics. The course covers the entire NYS Physics Regents and roughly two-thirds of the topics from the AP Physics 1 and 2 curriculums. Seniors can then take AP Physics 1 or AP Physics C-Mechanics in the Fall term, and AP Physics C-Electricity and Magnetism in the Spring term.



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Recent Highlights:

- The Class of 2022 includes 178 National Merit semi-finalists
- Recent graduating classes featured winners of prestigious scholarship programs such as Questbridge, Jack Kent Cooke, Ron Brown Scholars, The Pose Foundation, New York Times, and Milken Scholars, along with a number of local awards
- Our Speech & Debate team continues to be recognized as one of the best in the country, with top performing speakers earning impressive placements in multiple competitive tournaments provided by the National Speech and Debate Association
- Niche.com rated Stuyvesant as the #1 high school in New York State for the 6th consecutive year
- Stuy students produced a host of virtual events during the pandemic including concerts, plays, dance troupes, art shows, and our annual school-wide SING! competition



Overview

Stuyvesant is NYC's #1 public high school, serving nearly 3,400 of New York City's most academically gifted students. Our students travel from all five boroughs, sometimes commuting for over three hours each day.

Established in 1904, administered by the NYC Department of Education and accredited by the New York State Board of Regents, Stuyvesant is routinely named one of the country's best high schools. From a 10-story building in downtown Manhattan, the school serves students with the highest admissions test scores among the city's nine Specialized High Schools.

Known for its rigorous and accelerated math and science program, Stuyvesant is also rich in the humanities and the arts. Electives and AP courses allow student to study a wide range of topics. Stuy students routinely win state and national competitions not just in math and science, but also in speech and debate, creative writing, and sports.

Students can take a rich variety of electives

In addition to their basic math, science, English, history, foreign language, and other requirements, Stuy students can apply for 112 electives. These include 7 Regeneron research classes, economics, psychology, software development, medical ethics, vertebrate zoology, western political thought, Jewish history, & science fiction.



Stuyvesant nurtures student leaders

At Stuyvesant, students take charge of many of their own extracurricular experiences. The school hums with scores of student-run publications, clubs, and service activities. Students publish a weekly newspaper and several magazines; they manage their own sports teams. Hundreds of students participate in music and art performances, culminating each spring in an entirely student-run, school-wide original musical theater extravaganza called SING!

Our Mission

Stuyvesant High School has been a symbol of excellence in education for more than a century. Our mission is to continue that commitment to excellence by providing an environment that will nurture and enhance the special academic talents of the students admitted to Stuyvesant. The educational heritage of Stuyvesant is deeply rooted in the tradition of Science, Mathematics, and Technology. This has been the foundation of our educational success and remains the cornerstone of our educational program. Within this context, the goal of this institution is to instill the intellectual, moral, and humanistic values necessary for each child to achieve his/her maximum potential as a student and as a caring citizen of the world.

Stuyvesant Admissions Process

Admission to Stuyvesant is open to students residing in all 5 boroughs of NYC, and is determined solely on the basis of their scores on the NYC Department of Education's Specialized High Schools Admission Test (SHSAT). On average, more than 29,000 8th & 9th grade students take the test each year. Fewer than 4% of the students who take the SHSAT qualify for admission to Stuy.

GRADING POLICY: NO RANKING, NO WEIGHTING

Stuyvesant's grading system is numerical on a 100 point scale. We do not rank students and all averages are unweighted. A passing grade is 65. A grade of NC indicates "no credit", a failing grade that does not factor into the gpa. A grade of NX indicates "incomplete"; the student must complete specified coursework by the end of the term and will then receive a numerical grade. Grades of NC and NX are only issued when warranted by extenuating circumstances.

Stuyvesant is an incredibly rigorous high school. Students who would likely be at the top of their class in other settings may not stand out amongst their similarly talented peers in Stuy's unique academic climate.

Stuyvesant uses a semester system. Course grades are final at the end of each term in February and June. Three report cards are issued per term, but the first report card of each term contains only letter grades rather than the more specific 100 point scale.

Please note that science lab grades are not factored into the calculation of GPA. These courses are graded as pass/fail with a passing grade only indicated by a 75.

THE CHALLENGES OF A LIMITED BUDGET

Stuyvesant is a public high school that strives to provide an elite educational experience for its students within a limited budget. Nearly every class contains 34 students, the maximum class size permitted by the UFT. We are not able to offer a seat to each student qualified to enroll in one of our many popular AP courses.

Procuring letters of recommendation is a challenge for our students. Teachers are not contractually required to write letters and do so entirely on a voluntary basis. Our faculty to student ratio, which mirrors that of other large urban public schools, makes it difficult for teachers to meet the needs of senior classes of more than 800 students. **Even some of our most dedicated and accomplished students may find the need to request a letter from a sophomore year teacher, or from two teachers from a similar content area.** Please consider this when reviewing applications.

Each student's school counselor writes their counselor rec letter; these are then uploaded and submitted by our college counselors.

DISCIPLINARY DISCLOSURE POLICY

Disciplinary infractions that result in a superintendent level suspension may be reported to colleges that request this information in their application (under administration's discretion). This level of suspension is only issued for the most severe offenses.

ADVANCED PLACEMENT CLASSES

We offer 30 Advanced Placement classes, along with several Post-AP, honors, independent study, and off-campus college courses. Placement in AP courses must be approved by department administrators, and most courses require a minimum gpa in the relevant subject area. In the Class of 2021:

-97% took one or more AP classes

-70% took four or more AP classes

-50% took six or more AP classes

-16% took nine or more AP classes

Annual AP course enrollment is capped *

Student GPA	Annual AP Maximum
88	2
93	3
95	4

*Select students may exceed this cap. World language courses and AP Calculus AB are exempt. Cap does not include other college level coursework.

OTHER COLLEGE LEVEL COURSES

Subject	Class Title
English	Existentialism
Languages	French Culture, Spanish Cinema
Math	Multivariate Calculus, Complex Calculus, Math of Quantum Mechanics, Linear Algebra
Science	Organic Chemistry, Human Pathology, Human Diseases
Social Studies	Western Political Thought, Social Science Research (Regeneration)
Comp. Sci.	Systems Level Programming, Software Development, Computer Graphics, Cybersecurity

Computer Science, A Standout at Stuy

The computer science department at Stuyvesant offers one of the best programs of any high school in the country. All students at Stuyvesant are currently required to take computer science, and many go on to the AP course. Three post-AP electives offer students the chance to study software development, graphics, or systems engineering. A Google executive remarked that Stuyvesant is one of the few American high schools that turn out Google-ready engineers.



Class of 2021 ACT & SAT

ACT		SAT	
Section	Mid 50%	Section	Mid 50%
ELA	28- 33	EBRW	710 - 760
English	34 - 36	Math	38 - 40
Math	34 - 36	Mathematics	770 - 800
Reading	34 - 36	Reading	35 - 38
Science	33- 35	Writing	35- 39
STEM	33- 36	Total	1470 - 1550
Writing	6 - 10		
Composite	34- 35		



Research Program Stretches Students' Minds

It is our goal to provide research opportunities to all Stuyvesant students. From their first term at Stuy, students can elect a research track in science, social studies, and English classes. Our Director of Research has assembled a large professional research network that helps students find internship and summer research opportunities. Stuyvesant also offers Regeneron research electives that helps students prepare for intensive research competitions.

SAT Subject Tests	Mid 50%
Biology - E	690 - 770
Biology - M	720- 780
Chemistry	690 - 780
English Literature	640 - 710
Math Level I	690 - 770
Math Level II	780 - 800
Physics	710 - 780
U.S. History	620 - 690
World History	660 - 750



Who Are Stuy's Students?

We estimate that at least half of our students are first generation to college, and a similar percentage come from homes where English is not the primary language spoken. **46% of our students qualify for free/reduced lunch.**

Student Demographics

- Male: 57%
- Female: 43%
- Asian: 74%
- Black: 1%
- Hispanic/Latinx: 3%
- White: 19%
- Multi-racial: 4%

Brains and Brawn: Pre-COVID Sports Achievements

New York City Championships

- Girls Swimming & Diving*
- Boys Swimming & Diving*
- Girls Volleyball*

- Seven members of the Girls Swimming & Diving swam in the NY State Championships
- One Senior competed in the NY State Championship for gymnastics
- One Senior won Gold in Fencing at the Division I Women's Epee Classification Tournament during the North American Cup



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Stuyvesant Sets a Higher Expectation

Students must do more than [what New York State requires for high school graduation](#) in order to earn the Stuyvesant endorsed diploma. Stuyvesant students must take additional years of both math & science, two additional years of world language, electives in Technical Graphic Communication, Computer Science, and Applied Learning. In total students must take eight more courses than the state requires.



212-312-4841

Pubs & Clubs

Over 100 [student-run organizations, publications, clubs and teams](#) enrich Stuyvesant's vibrant learning environment. Student publications include two newspapers, the country's oldest student-run literary magazine, and a Chinese language newsletter. Community service clubs such as Big Sibs and Key Club are popular, while dozens of other clubs focus on activities ranging from baking, to manga, to photography. Clubs touch on themes of culture, language, art, religion, or gender, and on issues such as racial equality or the environment. Such students contribute to the community as members of student government & ARISTA, the honors society.

Students play a strong role in organizing, operating, and managing co-curricular organizations such as our award-winning Math Team, Science Olympiad, Model UN, Junior State of America, Speech & Debate, Robotics, as well as sports teams.



Hundreds of talented student musicians pack our Symphonic Band, Orchestra, Concert Chorus, Jazz Band, Chamber Choir, and other musical groups.

