

This Progress Report is for:

SCHOOL	Brooklyn Academy of Science and the Environment (17K547)
PRINCIPAL	Veronica Peterson
ENROLLMENT	467
SCHOOL TYPE	HIGH SCHOOL
PEER INDEX	2.48

Progress Report Grade

B

What does this grade mean?

Schools are assigned letter grades based on their overall Progress Report score. Schools that get As and Bs are eligible for rewards. Schools that get Ds and Fs, or 3 Cs in a row, face consequences, including change in school leadership or school closure.

How did this school perform?

- This school's overall score for 2007-08 is 50.1
- This score places the School in the 33 percentile of all high schools Citywide—i.e., 33 percent of those schools scored lower than this school
- This school met 100% of its improvement target from last year

Category	Calculated Score	Category Grade
School Environment	4.3 out of 15	C
Student Performance	15.9 out of 25	B
Student Progress	28.9 out of 60	B
Additional Credit	1.0 (16 max)	
Overall Score	50.1 out of 100	B

How scores translate to grades:

- Schools receive letter grades based on their overall score
- Schools with an overall score between 43.5-64.1 receive a letter grade of B
- 44% of high schools earned a B in 2007-08

High School Table – Overall Grades

Grade	Score range	City summary
A	64.2-106.5	39% of schools
B	43.5-64.1	44% of schools
C	34.3-43.4	12% of schools
D	29.7-34.2	3% of schools
F	26-29.6	2% of schools

In This Report:

Each school's Progress Report (1) measures student year-to-year progress, (2) compares the school to peer schools and (3) rewards success in moving all children forward, especially children with the greatest needs. The Progress Report measures four areas:

School Environment

uses parent, teacher and secondary student surveys and other data to measure necessary conditions for learning: attendance, academic expectations, communication, engagement and safety and respect.

Student Performance

evaluates a high school's success in graduating students.

Student Progress

evaluates annual student advancement toward graduation through credit accumulation and passed Regents. In the weighted Regents pass rate measures, schools receive more points if they are able to help high need students pass the exams.

Closing the Achievement Gap

gives schools additional credit for moving high-need students toward graduation.

The back page provides specific information about how the school performed in each of these areas.

Quality Review Score

This school's 2007-08 Quality Review score is: **Proficient**

To see this school's Quality Review report, find the school's Web site at <http://schools.nyc.gov/>, click 'Statistics' and scroll down to Quality Review Report.

State Accountability Status

Based on its 2006-07 performance, this school is: **In Good Standing**

This status is determined by the New York State Department of Education under the No Child Left Behind (NCLB) Act. It is separate from the school's Progress Report Grade.

Additional Information

Closing the Achievement Gap

Schools earn additional credit when their high-need students make exemplary gains. These gains are based on the percentage of high-need students earning 11 or more credits in their first, second, or third years of high school. These measures of progress are highly predictive of high school graduation.

Schools can also earn additional credit based on their percentage of students in the lowest third Citywide earning a 75 or higher for the first time on an ELA or Math Regents or graduating with a Regents Diploma.

Schools earn additional credit if the percentage of students, in any of these categories, is in the top 40% of all schools Citywide. This component can only improve a school's Progress Report grade. It cannot lower a school's grade.

Credit	Exemplary Proficiency Gains	Additional Credit Category
Credit Accumulation		
-		English Language Learners
45.6%		Special Education Students
-		Hispanic Students in the Lowest Third Citywide
42.2%		Black Students in the Lowest Third Citywide
-		Other Students in the Lowest Third Citywide
Lowest Third Citywide Regents		
4.2%		ELA
2.5%		Math
+1	16.0%	Regents Diploma

(-) indicates less than 15 students in this category

Peer Schools

Each school's performance is compared to the performance of schools in its peer group. Peer schools are those New York City public schools with a student population most like this school's population. Each school has up to 40 peer schools.

For High Schools, peer schools are determined based on three factors: 1) the average ELA and Math proficiency levels of the school's students before they entered High School, 2) the percentage of special education students, and 3) the percentage of students who enter high school 2 or more years overage. A lower peer index indicates a higher need population.

The peer schools for Brooklyn Academy of Science and the Environment, ranked in order from highest to lowest peer index, are:

DBN	School Name	DBN	School Name
24Q520	Middle College High School at LaGuardia Communi	19K615	Transit Tech Career and Technical Education High School
10X141	Riverdale / Kingsbridge Academy (Middle School / H	07X551	Bronx Academy of Letters
09X252	Mott Hall Bronx High School	17K382	Academy for College Preparation and Career Exploration: A
02M531	Repertory Company High School for Theatre Arts	14K404	Academy for Young Writers
02M459	Manhattan International High School	02M305	Urban Assembly Academy of Government and Law, The
29Q492	Mathematics, Science Research and Technology M	14K558	Williamsburg High School for Architecture and Design
25Q670	Robert F. Kennedy Community High School	13K265	Dr. Susan S. McKinney Secondary School of the Arts
20K490	Fort Hamilton High School	16K594	Gotham Professional Arts Academy
23K514	Frederick Douglass Academy VII High School	09X517	Frederick Douglass Academy III Secondary School
27Q260	Frederick Douglass Academy VI High School	24Q560	Robert F. Wagner, Jr. Secondary School for Arts and Techn
10X368	In-Tech Academy (M.S. / High School 368)	18K576	Victory Collegiate High School
31R460	Susan E. Wagner High School	23K697	Teachers Preparatory High School
05M367	Academy for Social Action: A College Board School	17K548	Brooklyn School for Music & Theatre
02M300	Urban Assembly School of Design and Construction	29Q272	George Washington Carver High School for the Sciences
15K463	Secondary School for Journalism	16K393	Frederick Douglass Academy IV Secondary School
17K600	Clara Barton High School	26Q435	Martin Van Buren High School
05M670	Thurgood Marshall Academy for Learning and Socia	30Q502	Information Technology High School
13K439	Brooklyn International High School	09X250	Eximius College Preparatory Academy: A College Board Sc
10X495	University Heights Secondary School at Bronx Com	02M529	Jacqueline Kennedy Onassis High School
27Q279	Cypress Hills Collegiate Preparatory School	84M353	New Heights Academy Charter School

The Progress Report is a key component of Mayor Michael R. Bloomberg's and Chancellor Joel I. Klein's Children First reforms. The Progress Report is designed to assist administrators, principals and teachers in accelerating the learning of all students. The Progress Report also enables students, parents and the public to hold the NYC Department of Education and its schools accountable for student achievement and improvement and for ensuring a high quality education for every student in NYC's public schools. If you have any questions or comments about the Progress Report, please visit <http://schools.nyc.gov/Accountability/SchoolReports/ProgressReports/> or send us an email at pr_support@schools.nyc.gov.

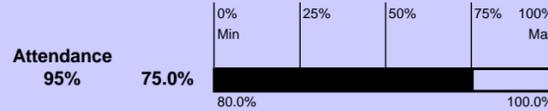
Results by Category

SCHOOL Brooklyn Academy of Science and the Environment
PRINCIPAL Veronica Peterson

HOW TO INTERPRET THIS CHART

A school is evaluated by asking how far its score in each category has moved along the range of scores for all schools. These charts show that movement as a percentage. In the example to the right, the school's score is 75% of the way from the lowest to the highest score in the City.

If a school performs at the top end of the range, the bar will be fully shaded. If a school performs at the low end of the range, the bar will not be shaded. If a school performs in the middle of the range, half the bar will be shaded



In this example, the school's attendance is 95%. This is 75% of the way from the lowest attendance at any school (80%) to the highest attendance (100%).

Below, the green charts on the left compare the school to its peer group. The blue charts on the right compare the school to schools Citywide. Peer scores count three times as much as City scores. Peer and City ranges are based on the outcomes of schools from 2005-08.

School Environment

Comprises 15% of the Overall Score

This Year's Score:
0.289 x 15 = 4.3

C

Survey Scores (10 points)

Academic Expectations

Communication

Engagement

Safety and Respect

Attendance (5 points)

Your School's Score	0% Peer Min	25%	50%	75%	100% Peer Max	0% City Min	25%	50%	75%	100% City Max	Number of students
6.5	26.1%	5.9			8.2	30.8%	5.7			8.3	
5.6	29.6%	4.8			7.5	30.8%	4.8			7.4	
6.0	40.7%	4.9			7.6	44.8%	4.7			7.6	
6.3	28.6%	5.5			8.3	35.5%	5.2			8.3	
82.5%	16.3%	80.3%			93.8%	39.9%	72.6%			97.4%	

Student Performance

Comprises 25% of the Overall Score

This Year's Score:
0.637 x 25 = 15.9

B

Four Year

Graduation Rate

Weighted Diploma Rate

Six Year

Graduation Rate

Weighted Diploma Rate

Your School's Score	0% Peer Min	25%	50%	75%	100% Peer Max	0% City Min	25%	50%	75%	100% City Max	Number of students
75.3%	64.6%	49.7%			89.3%	65.4%	28.7%			100.0%	89
139.3%	64.3%	75.3%			174.9%	57.4%	21.5%			226.9%	89
		55.5%			92.9%		35.9%			100.0%	4
		73.1%			176.4%		28.6%			218.9%	4

Student Progress

Comprises 60% of the Overall Score

This Year's Score:
0.481 x 60 = 28.9

B

Credit Accumulation

Percentage of Students Earning 10+ Credits in 1st Year

Percentage of Students in School's Lowest Third Earning 10+ Credits in 1st Year

Percentage of Students Earning 10+ Credits in 2nd Year

Percentage of Students in School's Lowest Third Earning 10+ Credits in 2nd Year

Percentage of Students Earning 10+ Credits in 3rd Year

Percentage of Students in School's Lowest Third Earning 10+ Credits in 3rd Year

Average Completion Rate for Remaining Regents

Weighted Regents Pass Rates

English

Mathematics

Science

United States History

Global History

Your School's Score	0% Peer Min	25%	50%	75%	100% Peer Max	0% City Min	25%	50%	75%	100% City Max	Number of students
66.1%	37.3%	45.9%			100.0%	48.0%	34.8%			100.0%	119
40.5%	27.4%	20.9%			92.4%	33.6%	10.4%			100.0%	37
67.5%	37.8%	52.9%			91.5%	50.1%	34.9%			100.0%	119
51.4%	42.8%	24.7%			87.1%	46.6%	11.4%			97.2%	37
73.6%	55.1%	53.5%			90.0%	58.9%	35.8%			100.0%	116
53.3%	42.8%	27.7%			87.5%	49.2%	11.5%			96.4%	30
36.8%	56.9%	22.0%			48.0%	57.6%	3.2%			61.5%	327
1.06	52.4%	0.31			1.74	60.4%	0.39			1.50	93
0.88	36.0%	0.52			1.52	41.7%	0.35			1.62	179
1.53	88.5%	0.53			1.66	83.3%	0.28			1.78	120
0.91	47.4%	0.46			1.41	51.9%	0.37			1.41	93
0.69	37.8%	0.27			1.38	43.1%	0.13			1.43	139