

#### This Progress Report is for:

SCHOOL	Academy of Environmental Science Secondary High School (04M635)
PRINCIPAL	Irma Garceau
ENROLLMENT	417
SCHOOL TYPE	HIGH SCHOOL
PEER INDEX	2.02

#### 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.

Progress Report Grade

# D

#### 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 2008-09 is 41.6
- This score places the School in the 4 percentile of all high schools Citywide—i.e., 4 percent of those schools scored lower than this school

Category	Calculated Score	Category Grade
<b>School Environment</b>	5.8 out of 15	<b>D</b>
<b>Student Performance</b>	12.5 out of 25	<b>C</b>
<b>Student Progress</b>	23.3 out of 60	<b>D</b>
<b>Additional Credit</b>	0.0 (16 max)	
<b>Overall Score</b>	41.6 out of 100	<b>D</b>

#### How scores translate to grades:

- Schools receive letter grades based on their overall score
- Schools with an overall score between 36.0 - 43.9 receive a letter grade of D
- 7% of high schools earned a D in 2008-09

#### High School Table – Overall Grades

Grade	Score range	City summary
A	70.0 - 105.3	45% of schools
B	54.0 - 69.9	30% of schools
C	44.0 - 53.9	18% of schools
D	36.0 - 43.9	7% of schools
F	31.1 - 35.9	0% of schools

#### Quality Review Score

This school's 2008-09 Quality Review score is: **Underdeveloped with Proficient Features**  
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 2008-09 performance, this school is: **Improvement (year 2) - Comprehensive**  
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.

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
		<b>Credit Accumulation</b>
	43.1%	English Language Learners
	37.1%	Special Education Students
	28.5%	Hispanic Students in the Lowest Third Citywide
	35.2%	Black Students in the Lowest Third Citywide
	-	Other Students in the Lowest Third Citywide
		<b>Lowest Third Citywide Regents</b>
	9.8%	ELA
	0.0%	Math
	4.7%	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 Academy of Environmental Science Secondary High School are:

DBN	School Name	DBN	School Name
32K556	Bushwick Leaders High School for Academic Excell	14K685	El Puente Academy for Peace and Justice
02M460	Washington Irving High School	32K549	Bushwick School for Social Justice
12X248	Metropolitan High School, The	22K337	International High School
19K502	FDNY High School for Fire and Life Safety	09X251	Explorations Academy
08X519	Felisa Rincon de Gautier Institute for Law and Public	11X541	Global Enterprise High School
02M409	Coalition School for Social Change	11X418	Bronx High School for the Visual Arts
08X332	Holcombe L. Rucker School of Community Research	32K552	Academy of Urban Planning
08X530	Banana Kelly High School	10X276	Leadership Institute
18K589	Arts & Media Preparatory Academy	09X365	Academy for Language and Technology
12X262	Bronx High School for Performance and Stagecraft	02M303	Facing History School, The
12X684	Wings Academy	08X295	Gateway School for Environmental Research and Technolog
03M299	High School for Arts, Imagination and Inquiry	21K620	William E. Grady Career and Technical Education High Sch
10X342	International School for Liberal Arts	07X473	Mott Haven Village Preparatory High School
02M449	Vanguard High School	11X514	Sports Professions High School
14K071	Juan Morel Campos Secondary School	10X243	West Bronx Academy for the Future
12X404	School for Excellence	10X439	Bronx High School for Law and Community Service
17K625	Paul Robeson High School	30Q555	Newcomers High School
12X690	Monroe Academy for Business/Law	21K572	Expeditionary Learning School for Community Leaders
14K610	Automotive High School	03M470	Louis D. Brandeis High School
10X412	Bronx High School of Business	12X271	East Bronx Academy for the Future

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](mailto:pr_support@schools.nyc.gov).

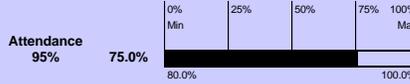
# Results by Category

SCHOOL Academy of Environmental Science Secondary High School  
PRINCIPAL Irma Garceau

## 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:  
5.8 out of 15

**D**

### Survey Scores (10 points)

- Academic Expectations
- Communication
- Engagement
- Safety and Respect
- Attendance (5 points)

Your School's Score	Your School Relative to Peer Horizon:	Your School Relative to City Horizon:	Number of students
6.4	32.1%	26.9%	
5.5	31.0%	26.9%	
5.4	29.0%	24.1%	
6.0	31.3%	25.8%	
83.6%	61.6%	44.4%	

## Student Performance

Comprises 25% of the Overall Score

This Year's Score:  
12.5 out of 25

**C**

### Four Year

- Graduation Rate
- Weighted Diploma Rate

### Six Year

- Graduation Rate
- Weighted Diploma Rate

Your School's Score	Your School Relative to Peer Horizon:	Your School Relative to City Horizon:	Number of students
51.1%	42.4%	31.4%	88
85.2%	43.9%	31.0%	88
68.1%	64.8%	50.2%	72
113.2%	61.9%	44.5%	72

## Student Progress

Comprises 60% of the Overall Score

This Year's Score:  
23.3 out of 60

**D**

### 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	Your School Relative to Peer Horizon:	Your School Relative to City Horizon:	Number of students
62.2%	50.9%	42.0%	119
51.3%	55.7%	45.6%	39
53.0%	36.0%	27.8%	111
30.3%	27.1%	22.0%	33
41.4%	11.6%	8.7%	93
22.2%	17.0%	12.6%	27
21.5%	51.1%	31.4%	302
1.01	69.2%	55.9%	85
0.75	47.0%	31.5%	245
0.83	49.1%	36.7%	144
0.50	31.7%	12.5%	87
0.57	54.9%	33.8%	160