Department of Education

Progress Report 2009-10

HIGH SCHOOL

This Progress Report is for:

SCHOOL	**Academy of Environmental Science Secondary High School (04M635)**
PRINCIPAL	**IRMA GARCEAU**
ENROLLMENT	**383**
SCHOOL TYPE	**HIGH SCHOOL**
PEER INDEX	**2.06**

Progress Report Grade

F

What does this grade mean?

Schools are assigned letter grades based on their overall Progress Report score. Monetary bonuses may be given to principals and teachers at high-scoring schools. Schools that get Ds and Fs, or 3 Cs in a row are considered for more intensive support or intervention.

How did this school perform?

- This school's overall score for 2009-10 is 32.7
- This school did better than 1% of all high schools citywide.

Category	Calculated Score	Category Grade
School Environment	6.0 out of 15	D
Student Performance	6.7 out of 25	F
Student Progress	20.0 out of 60	F
Additional Credit	0.0 (15 max)	
Overall Score	32.7 out of 100	F

How scores translate to grades:

- Schools receive letter grades based on their overall score
- Schools with an overall score of 39.9 or lower receive a letter grade of F
- 2.7% of high schools earned an F in 2009-10

High School Table – Overall Grades

Grade	Score range	City summary
A	70.0 or higher	40.2% of high schools
B	58.0 - 69.9	29.3% of high schools
C	47.0 - 57.9	20.8% of high schools
D	40.0 - 46.9	6.9% of high schools
F	39.9 or lower	2.7% of high 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 helping high-need students graduate college-ready.

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

Quality Review Score
This school's most recent Quality Review score is:
Underdeveloped with Proficient Features (2008-09)

To see this school's Quality Review report, please visit
http://schools.nyc.gov/SchoolPortals/04/M635/AboutUs/Statistics/default.htm

State Accountability Status
Based on its performance, this school is:
Improvement (year 2) Comprehensive (2009-10)
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 achieve exemplary outcomes. In high school, our ultimate goal is for all students to graduate ready for college. Accordingly, schools can earn additional credit based on the weighted diploma rate of high needs students, which gives higher weight to students with more college-ready diplomas such as Regents and Advanced Regents.

Schools can also earn additional credit based on the percentage of students, in the lowest third citywide who score a 75 or higher on the English Regents or on a Math Regents. Students with these scores are more likely to be able to attend a four-year University without the need for remedial classes.

This component can only improve a school's Progress Report grade. It cannot lower a school's grade.

Credit	Exemplary Outcomes	Additional Credit Category
		Weighted 4-Year Diploma Rate
	-	English Language Learners
	100.0%	SETSS / CTT / Self-Contained Students
	63.5%	Students in the Lowest Third Citywide
		Lowest Third Citywide
	12.5%	Scored 75 or higher on the ELA Regents
	0.0%	Scored 75 or higher on the Math Regents

(-) indicates less than than the minimum number of 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 four 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, 3) the percentage of self-contained special education students, and 4) 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
10X438	Fordham Leadership Academy for Business and Te	10X243	West Bronx Academy for the Future
08X332	Holcombe L. Rucker School of Community Researc	12X251	Explorations Academy
07X427	Community School for Social Justice	27Q410	Beach Channel High School
17K539	High School for Service & Learning at Erasmus	21K337	International High School at Lafayette
18K566	Brooklyn Generation School	07X547	New Explorers High School
08X312	Millennium Art Academy	10X433	High School for Teaching and the Professions
09X525	Bronx Leadership Academy High School	08X519	Felisa Rincon de Gautier Institute for Law and Public Policy,
07X473	Mott Haven Village Preparatory High School	10X434	Belmont Preparatory High School
11X290	Bronx Academy of Health Careers	05M685	Bread & Roses Integrated Arts High School
12X550	High School of World Cultures	15K530	Metropolitan Corporate Academy High School
04M495	Park East High School	11X545	Bronx Aerospace High School
10X437	Fordham High School for the Arts	32K403	Academy for Environmental Leadership
14K685	El Puente Academy for Peace and Justice	21K620	William E. Grady Career and Technical Education High Sch
07X520	Foreign Language Academy of Global Studies	14K610	Automotive High School
03M415	Wadleigh Secondary School for the Performing & Vi	01M509	Marta Valle High School
32K549	Bushwick School for Social Justice	19K583	Multicultural High School
09X276	Leadership Institute	11X541	Global Enterprise High School
08X452	Bronx Guild	11X544	High School for Contemporary Arts
14K322	Foundations Academy	12X684	Wings Academy
08X530	Banana Kelly High School	16K498	ACORN High School for Social Justice

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/Tools/Report/Default.htm or send us an email at pr_support@schools.nyc.gov.

Results by Category

SCHOOL Academy of Environmental Science Secondary High School (04M635)
PRINCIPAL IRMA GARCEAU

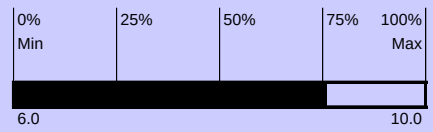
HIGH SCHOOL

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

Engagement 9.0 **75.0%**



In this example, the school's engagement score is 9.0. This is 75% of the way from the lowest engagement at any school (6.0) to the highest engagement (10.0).

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 2006-07, 2007-08 and 2008-09.

School Environment

Comprises 15% of the Overall Score

This Year's Score: **6.0 out of 15**

D

	Your School's Score	Your School Relative to Peer Horizon:	Peer Min	Peer Max	Your School Relative to City Horizon:	City Min	City Max	Number of students
Survey Scores (10 points)								
Academic Expectations	6.6	36.0%	5.7	8.2	26.9%	5.9	8.5	
Communication	6.0	44.0%	4.9	7.4	39.3%	4.9	7.7	
Engagement	6.0	42.9%	4.8	7.6	36.7%	4.9	7.9	
Safety and Respect	6.5	42.9%	5.3	8.1	35.5%	5.4	8.5	
Attendance (5 points)	81.6%	43.8%	72.7%	93.0%	33.9%	73.2%	98.0%	

Student Performance

Comprises 25% of the Overall Score

This Year's Score: **6.7 out of 25**

F

	Your School's Score	Your School Relative to Peer Horizon:	Peer Min	Peer Max	Your School Relative to City Horizon:	City Min	City Max	Number of students
Four Year								
Graduation Rate	44.2%	16.3%	36.0%	86.4%	15.7%	33.8%	100.0%	77
Weighted Diploma Rate	83.8%	27.4%	53.2%	164.7%	24.5%	34.6%	235.4%	77
Six Year								
Graduation Rate	62.0%	38.7%	42.1%	93.5%	35.9%	40.7%	100.0%	92
Weighted Diploma Rate	85.9%	26.5%	60.5%	156.3%	24.9%	38.9%	227.5%	92

Student Progress

Comprises 60% of the Overall Score

This Year's Score: **20.0 out of 60**

F

	Your School's Score	Your School Relative to Peer Horizon:	Peer Min	Peer Max	Your School Relative to City Horizon:	City Min	City Max	Number of students
Credit Accumulation								
Percentage of Students Earning 10+ Credits in 1st Year	59.2%	34.7%	40.0%	95.3%	28.0%	43.3%	100.0%	77
Percentage of Students in School's Lowest Third Earning 10+ Credits in 1st Year	34.8%	24.9%	16.4%	90.2%	20.6%	17.9%	100.0%	23
Percentage of Students Earning 10+ Credits in 2nd Year	50.0%	17.0%	42.3%	87.5%	15.7%	40.7%	100.0%	107
Percentage of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	37.5%	28.3%	20.2%	81.3%	25.7%	16.4%	98.4%	32
Percentage of Students Earning 10+ Credits in 3rd Year	51.4%	23.3%	40.2%	88.2%	17.0%	41.5%	99.9%	109
Percentage of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	33.3%	24.1%	18.8%	78.9%	21.2%	16.0%	97.7%	30
Average Completion Rate for Remaining Regents	21.9%	34.9%	11.3%	41.7%	28.3%	4.9%	64.9%	302
Weighted Regents Pass Rates								
English	0.90	54.1%	0.37	1.35	45.5%	0.50	1.38	88
Mathematics	0.98	46.2%	0.00	2.12	41.3%	0.29	1.96	193
Science	1.00	47.3%	0.11	1.99	41.4%	0.40	1.85	170
United States History	0.76	45.4%	0.27	1.35	34.3%	0.40	1.45	80
Global History	0.57	36.3%	0.00	1.57	27.5%	0.19	1.57	143