Department of Education

Progress Report 2008-09

HIGH SCHOOL

This Progress Report is for:

SCHOOL	**Bronx High School for Medical Science (09X413)**
PRINCIPAL	**William Quintana**
ENROLLMENT	**327**
SCHOOL TYPE	**HIGH SCHOOL**
PEER INDEX	**2.63**

Progress Report Grade

A

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 71.7
- This score places the School in the 60 percentile of all high schools Citywide–i.e., 60 percent of those schools scored lower than this school

Category	Calculated Score	Category Grade
School Environment	**8.7** out of 15 (0 – 15)	**B**
Student Performance	**14.9** out of 25 (0 – 25)	**B**
Student Progress	**41.1** out of 60 (0 – 60)	**B**
Additional Credit	**7.0** (16 max)	
Overall Score	**71.7** out of 100 (0 – 100)	**A**

How scores translate to grades:

- Schools receive letter grades based on their overall score
- Schools with an overall score between 70.0 - 105.3 receive a letter grade of A
- 45% of high schools earned an A 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

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:
Well Developed
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:
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.

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
	-	Special Education Students
+1	54.5%	Hispanic Students in the Lowest Third Citywide
+2	73.9%	Black Students in the Lowest Third Citywide
	-	Other Students in the Lowest Third Citywide
		Lowest Third Citywide Regents
	0.0%	ELA
+2	8.3%	Math
+2	40.0%	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 Bronx High School for Medical Science are:

DBN	School Name	DBN	School Name
02M413	School of the Future High School	08X282	Young Women's Leadership School, Bronx Campus
84Q705	Renaissance Charter School, The	10X442	Celia Cruz Bronx High School of Music, The
25Q285	World Journalism Preparatory: A College Board Sch	13K419	Science Skills Center High School for Science, Technology a
02M489	High School of Economics and Finance	28Q690	High School for Law Enforcement and Public Safety
02M407	Institute for Collaborative Education	10X477	Marble Hill High School for International Studies
15K656	Brooklyn High School of the Arts	21K344	Rachel Carson High School for Coastal Studies
26Q566	Queens High School of Teaching, Liberal Arts and th	14K561	Williamsburg Preparatory School
25Q281	East-West School of International Studies	07X548	Urban Assembly School for Careers in Sports
11X542	Pelham Preparatory Academy	05M304	Mott Hall High School
24Q264	Academy of Finance and Enterprise	32K554	All City Leadership Secondary School
22K425	James Madison High School	21K540	John Dewey High School
02M600	High School of Fashion Industries, The	20K485	High School of Telecommunication Arts and Technology
15K462	Secondary School for Law	24Q530	International High School at LaGuardia Community College
02M400	High School for Environmental Studies	24Q520	Middle College High School at LaGuardia Community Colleg
02M630	Art and Design High School	10X141	Riverdale / Kingsbridge Academy (Middle School / High Sch
84K473	Williamsburg Charter High School	09X252	Mott Hall Bronx High School
11X288	Collegiate Institute for Math and Science	02M531	Repertory Company High School for Theatre Arts
10X225	Theatre Arts Production Company School	02M459	Manhattan International High School
13K483	Urban Assembly School for Law and Justice, The	29Q492	Mathematics, Science Research and Technology Magnet Hig
28Q190	J.H.S. 190 Russell Sage	25Q670	Robert F. Kennedy Community High 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 **Bronx High School for Medical Science**
PRINCIPAL **William Quintana**

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

		0% Min / 25% / 50% / 75% / 100% Max
Attendance 95%	**75.0%**	80.0% — 100.0%

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: **8.7 out of 15**

B

	Your School's Score	Your School Relative to Peer Horizon: (0% Peer Min / 25% / 50% / 75% / 100% Peer Max)		Your School Relative to City Horizon: (0% City Min / 25% / 50% / 75% / 100% City Max)		Number of students
Survey Scores (10 points)						
Academic Expectations	7.1	**50.0%**	5.8 — 8.4	**53.8%**	5.7 — 8.3	
Communication	6.2	**48.1%**	4.9 — 7.6	**53.8%**	4.8 — 7.4	
Engagement	6.5	**58.6%**	4.8 — 7.7	**62.1%**	4.7 — 7.6	
Safety and Respect	6.5	**28.6%**	5.7 — 8.5	**41.9%**	5.2 — 8.3	
Attendance (5 points)	92.1%	**78.7%**	83.6% — 94.4%	**78.6%**	72.6% — 97.4%	

Student Performance

Comprises 25% of the Overall Score

This Year's Score: **14.9 out of 25**

B

	Your School's Score	Your School Relative to Peer Horizon: (0% Peer Min / 25% / 50% / 75% / 100% Peer Max)		Your School Relative to City Horizon: (0% City Min / 25% / 50% / 75% / 100% City Max)		Number of students
Four Year						
Graduation Rate	81.2%	**62.5%**	50.2% — 99.8%	**73.6%**	28.7% — 100.0%	85
Weighted Diploma Rate	174.1%	**76.2%**	70.5% — 206.5%	**74.3%**	21.5% — 226.9%	85
Six Year						
Graduation Rate	77.5%	**45.7%**	58.7% — 99.8%	**64.9%**	35.9% — 100.0%	138
Weighted Diploma Rate	128.3%	**45.3%**	73.4% — 194.5%	**52.4%**	28.6% — 218.9%	138

Student Progress

Comprises 60% of the Overall Score

This Year's Score: **41.1 out of 60**

B

	Your School's Score	Your School Relative to Peer Horizon: (0% Peer Min / 25% / 50% / 75% / 100% Peer Max)		Your School Relative to City Horizon: (0% City Min / 25% / 50% / 75% / 100% City Max)		Number of students
Credit Accumulation						
Percentage of Students Earning 10+ Credits in 1st Year			36.6% — 100.0%		34.8% — 100.0%	13
Percentage of Students in School's Lowest Third Earning 10+ Credits in 1st Year			12.2% — 100.0%		10.4% — 100.0%	11
Percentage of Students Earning 10+ Credits in 2nd Year	89.3%	**82.9%**	37.3% — 100.0%	**83.6%**	34.9% — 100.0%	131
Percentage of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	78.6%	**74.4%**	16.3% — 100.0%	**78.3%**	11.4% — 97.2%	42
Percentage of Students Earning 10+ Credits in 3rd Year	81.2%	**69.3%**	38.8% — 100.0%	**70.7%**	35.8% — 100.0%	110
Percentage of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	72.2%	**67.9%**	16.3% — 98.6%	**71.5%**	11.5% — 96.4%	36
Average Completion Rate for Remaining Regents	52.4%	**93.2%**	24.9% — 54.4%	**84.4%**	3.2% — 61.5%	307
Weighted Regents Pass Rates						
English	0.94	**43.0%**	0.57 — 1.43	**49.5%**	0.39 — 1.50	94
Mathematics	1.30	**75.9%**	0.64 — 1.51	**74.8%**	0.35 — 1.62	162
Science	1.45	**69.9%**	0.43 — 1.89	**78.0%**	0.28 — 1.78	129
United States History	0.70	**24.5%**	0.46 — 1.44	**31.7%**	0.37 — 1.41	125
Global History	1.20	**77.8%**	0.36 — 1.44	**82.3%**	0.13 — 1.43	103