

This Progress Report is for:

SCHOOL	Bronx Center for Science and Mathematics (09X260)
PRINCIPAL	Edward Tom
ENROLLMENT	419
SCHOOL TYPE	HIGH SCHOOL
PEER INDEX	2.86

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

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 2008-09 is 68
- This score places the School in the 52 percentile of all high schools Citywide—i.e., 52 percent of those schools scored lower than this school

Category	Calculated Score	Category Grade
School Environment	8.9 out of 15	B
Student Performance	15.2 out of 25	B
Student Progress	40.9 out of 60	B
Additional Credit	3.0 (16 max)	
Overall Score	68.0 out of 100	B

How scores translate to grades:

- Schools receive letter grades based on their overall score
- Schools with an overall score between 54.0 - 69.9 receive a letter grade of B
- 30% of high schools earned a B 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: **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
	56.3%	English Language Learners
+1	45.7%	Special Education Students
	31.8%	Hispanic Students in the Lowest Third Citywide
	-	Black Students in the Lowest Third Citywide
	-	Other Students in the Lowest Third Citywide
		Lowest Third Citywide Regents
	-	ELA
+2	9.5%	Math
	-	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 Center for Science and Mathematics are:

DBN	School Name	DBN	School Name
22K555	Brooklyn College Academy	02M420	High School for Health Professions and Human Services
17K590	Medgar Evers College Preparatory School	02M439	Manhattan Village Academy
84M709	Harlem Village Academy Charter School	28Q430	Francis Lewis High School
02M408	Professional Performing Arts High School	84X703	Bronx Prep Charter School
02M545	High School for Dual Language and Asian Studies	28Q440	Forest Hills High School
02M519	Talent Unlimited High School	02M298	Pace High School
26Q415	Benjamin N. Cardozo High School	21K525	Edward R. Murrow High School
05M499	Frederick Douglass Academy	31R047	CSI High School for International Studies
04M435	Manhattan Center for Science and Mathematics	31R080	The Michael J. Petrides School
27Q650	High School for Construction Trades, Engineering and	02M414	N.Y.C. Museum School
26Q495	Bayside High School	27Q262	Channel View School for Research
28Q620	Thomas A. Edison Career and Technical Education	31R455	Tottenville High School
30Q575	Academy of American Studies	06M540	A. Philip Randolph Campus High School
13K595	Bedford Academy High School	19K409	East New York Family Academy
04M610	Young Women's Leadership School	28Q896	Young Women's Leadership School, Queens
24Q610	Aviation Career & Technical Education High School	02M413	School of the Future High School
07X500	Hostos-Lincoln Academy of Science	84Q705	Renaissance Charter School, The
17K546	High School for Public Service: Heroes of Tomorrow	25Q285	World Journalism Preparatory: A College Board School
10X241	Urban Assembly School for Applied Math and Science	02M489	High School of Economics and Finance
10X374	Knowledge and Power Preparatory Academy Intern	02M407	Institute for Collaborative Education

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

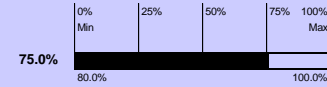
SCHOOL **Bronx Center for Science and Mathematics**
 PRINCIPAL **Edward Tom**

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

Attendance
95%



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:
8.9 out of 15

B

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
7.8	68.0%	80.8%	
6.2	46.7%	53.8%	
6.8	63.3%	72.4%	
7.6	63.0%	77.4%	
90.4%	45.1%	71.8%	

Student Performance

Comprises 25% of the Overall Score

This Year's Score:
15.2 out of 25

B

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
83.0%	52.5%	76.2%	88
181.8%	57.9%	78.0%	88
			0
			0

Student Progress

Comprises 60% of the Overall Score

This Year's Score:
40.9 out of 60

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	Your School Relative to Peer Horizon:	Your School Relative to City Horizon:	Number of students
89.5%	78.7%	83.9%	105
74.3%	65.8%	71.3%	35
77.2%	59.4%	65.0%	114
64.9%	53.3%	62.4%	37
77.1%	58.1%	64.3%	110
67.6%	56.9%	66.1%	34
51.2%	57.0%	82.3%	318
1.06	56.5%	60.4%	110
1.95	132.6%	126.0%	261
1.59	90.1%	87.3%	224
0.96	26.8%	56.7%	113
1.04	55.7%	70.0%	136