
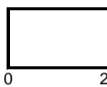
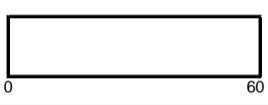
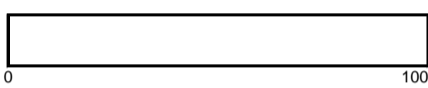




This Progress Report is for:

SCHOOL	<b>Bronx Center for Science and Mathematics (09X260)</b>
PRINCIPAL	<b>Edward Tom</b>
ENROLLMENT	<b>338</b>
SCHOOL TYPE	<b>HIGH SCHOOL</b>
PEER INDEX	<b>2.86</b>

Category	Calculated Score	Category Grade
<b>School Environment</b>	out of 15 	
<b>Student Performance</b>	out of 25 	
<b>Student Progress</b>	out of 60 	
<b>Additional Credit</b>	(16 max)	
<b>Overall Score</b>	out of 100 	

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.*

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

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 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
		<b>Credit Accumulation</b>
-		English Language Learners
40.0%		Special Education Students
18.2%		Hispanic Students in the Lowest Third Citywide
35.3%		Black Students in the Lowest Third Citywide
-		Other Students in the Lowest Third Citywide
		<b>Lowest Third Citywide Regents</b>
-		ELA
-		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, ranked in order from highest to lowest peer index, 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	26Q430	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 ar	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
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 Scien	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](mailto: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



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:		Your School's Score	Your School Relative to Peer Horizon:				Your School Relative to City Horizon:				Number of students		
			0% Peer Min	25%	50%	75%	100% Peer Max	0% City Min	25%	50%	75%	100% City Max	
<b>Survey Scores (10 points)</b>													
Academic Expectations	7.4	<b>52.0%</b>	6.1				8.6	65.4%				8.3	
Communication	6.3	<b>50.0%</b>	4.8				7.8	57.7%				7.4	
Engagement	6.5	<b>53.3%</b>	4.9				7.9	62.1%				7.6	
Safety and Respect	7.4	<b>55.6%</b>	5.9				8.6	71.0%				8.3	
<b>Attendance (5 points)</b>	90.2%	<b>43.1%</b>	85.8%				96.0%	71.0%				97.4%	

## Student Performance

Comprises 25% of the Overall Score

This Year's Score:		Your School's Score	Your School Relative to Peer Horizon:				Your School Relative to City Horizon:				Number of students		
			0% Peer Min	25%	50%	75%	100% Peer Max	0% City Min	25%	50%	75%	100% City Max	
<b>Four Year</b>													
Graduation Rate			64.9%				99.4%	28.7%				100.0%	3
Weighted Diploma Rate			105.8%				237.1%	21.5%				226.9%	3
<b>Six Year</b>													
Graduation Rate			69.7%				100.0%	35.9%				100.0%	0
Weighted Diploma Rate			110.5%				223.6%	28.6%				218.9%	0

## Student Progress

Comprises 60% of the Overall Score

This Year's Score:		Your School's Score	Your School Relative to Peer Horizon:				Your School Relative to City Horizon:				Number of students		
			0% Peer Min	25%	50%	75%	100% Peer Max	0% City Min	25%	50%	75%	100% City Max	
<b>Credit Accumulation</b>													
Percentage of Students Earning 10+ Credits in 1st Year	80.9%	<b>61.3%</b>	50.6%				100.0%	70.7%				100.0%	115
Percentage of Students in School's Lowest Third Earning 10+ Credits in 1st Year	56.8%	<b>42.5%</b>	24.9%				100.0%	51.8%				100.0%	37
Percentage of Students Earning 10+ Credits in 2nd Year	80.0%	<b>64.3%</b>	43.9%				100.0%	69.3%				100.0%	115
Percentage of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	62.9%	<b>50.7%</b>	24.8%				100.0%	60.0%				97.2%	35
Percentage of Students Earning 10+ Credits in 3rd Year	70.4%	<b>45.9%</b>	45.3%				100.0%	53.9%				100.0%	98
Percentage of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	41.9%	<b>22.6%</b>	24.9%				100.0%	35.8%				96.4%	31
<b>Average Completion Rate for Remaining Regents</b>	50.9%	<b>56.1%</b>	32.1%				65.6%	81.8%				61.5%	222
<b>Weighted Regents Pass Rates</b>													
English	1.12	<b>69.6%</b>	0.80				1.26	65.8%				1.50	74
Mathematics	1.75	<b>110.1%</b>	0.77				1.66	110.2%				1.62	156
Science	1.24	<b>51.6%</b>	0.77				1.68	64.0%				1.78	178
United States History	1.06	<b>51.2%</b>	0.85				1.26	66.3%				1.41	71
Global History	0.94	<b>41.4%</b>	0.65				1.35	62.3%				1.43	122