Department of Education

Progress Report 2007-08

HIGH SCHOOL

This Progress Report is for:

SCHOOL	**High School of Arts and Technology (03M494)**
PRINCIPAL	**Anne Geiger**
ENROLLMENT	**590**
SCHOOL TYPE	**HIGH SCHOOL**
PEER INDEX	**2.28**

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 2007-08 is 67
- This score places the School in the 67 percentile of all high schools Citywide–i.e., 67 percent of those schools scored lower than this school
- This school met 100% of its improvement target from last year

Category	Calculated Score	Category Grade
School Environment	**6.5** out of 15	B
Student Performance	**15.1** out of 25	B
Student Progress	**37.4** out of 60	A
Additional Credit	**8.0** (16 max)	
Overall Score	**67.0** out of 100	A

How scores translate to grades:

- Schools receive letter grades based on their overall score
- Schools with an overall score between 64.2-106.5 receive a letter grade of A
- 39% of high schools earned an A in 2007-08

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

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:
Proficient
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
		Credit Accumulation
+1	65.3%	English Language Learners
+2	64.7%	Special Education Students
+2	69.0%	Hispanic Students in the Lowest Third Citywide
+1	56.4%	Black Students in the Lowest Third Citywide
	-	Other Students in the Lowest Third Citywide
		Lowest Third Citywide Regents
	8.9%	ELA
	0.0%	Math
+2	20.0%	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 High School of Arts and Technology, ranked in order from highest to lowest peer index, are:

DBN	School Name	DBN	School Name
30Q450	Long Island City High School	21K690	Brooklyn Studio Secondary School
31R450	Curtis High School	03M307	Urban Assembly School for Media Studies, The
11X275	High School of Computers and Technology	02M316	Urban Assembly School of Business for Young Women, the
17K528	High School for Global Citizenship, The	25Q460	Flushing High School
07X670	Health Opportunities High School	06M467	High School for Law and Public Service
20K505	Franklin Delano Roosevelt High School	14K474	PROGRESS High School for Professional Careers
11X249	Bronx Health Sciences High School	14K586	Lyons Community School
24Q550	High School for Arts and Business	01M450	East Side Community High School
24Q485	Grover Cleveland High School	01M448	University Neighborhood High School
02M288	Food and Finance High School	25Q425	John Bowne High School
14K477	School for Legal Studies	08X293	Renaissance High School of Musical Theater & Technology
13K350	Urban Assembly School of Music and Art, The	27Q475	Richmond Hill High School
02M294	Essex Street Academy	27Q480	John Adams High School
13K509	Freedom Academy High School	17K533	School for Democracy and Leadership
15K464	Secondary School for Research	09X525	Bronx Leadership Academy High School
07X520	Foreign Language Academy of Global Studies	21K559	Life Academy High School for Film and Music
84X347	International Leadership Charter School	31R440	New Dorp High School
10X237	Marie Curie High School for Nursing, Medicine, and	32K403	Academy for Environmental Leadership
14K454	Green School: An Academy for Environmental Care	15K497	School for International Studies
05M369	Urban Assembly School for the Performing Arts	02M580	Richard R. Green High School of Teaching

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 **High School of Arts and Technology**
PRINCIPAL **Anne Geiger**

HOW TO INTERPRET THIS CHART

A school is evaluated by asking how far its score in each categroy 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: **0.433 x 15 = 6.5**

B

	Your School's Score	Your School Relative to Peer Horizon:		Your School Relative to City Horizon:		Number of students
		0% Peer Min	75% 100% Peer Max	0% City Min	75% 100% City Max	
Survey Scores (10 points)						
Academic Expectations	6.9	**50.0%**	5.9 – 7.9	**46.2%**	5.7 – 8.3	
Communication	5.5	**25.0%**	4.9 – 7.3	**26.9%**	4.8 – 7.4	
Engagement	6.0	**45.8%**	4.9 – 7.3	**44.8%**	4.7 – 7.6	
Safety and Respect	6.9	**61.9%**	5.6 – 7.7	**54.8%**	5.2 – 8.3	
Attendance (5 points)	82.1%	**40.1%**	76.6% – 90.3%	**38.3%**	72.6% – 97.4%	

Student Performance

Comprises 25% of the Overall Score

This Year's Score: **0.602 x 25 = 15.1**

B

	Your School's Score	Your School Relative to Peer Horizon:		Your School Relative to City Horizon:		Number of students
		0% Peer Min	75% 100% Peer Max	0% City Min	75% 100% City Max	
Four Year						
Graduation Rate	62.3%	**54.6%**	39.0% – 81.7%	**47.1%**	28.7% – 100.0%	159
Weighted Diploma Rate	114.8%	**52.1%**	60.9% – 164.4%	**45.4%**	21.5% – 226.9%	159
Six Year						
Graduation Rate	77.4%	**76.9%**	45.5% – 87.0%	**64.7%**	35.9% – 100.0%	168
Weighted Diploma Rate	131.5%	**66.8%**	66.6% – 163.8%	**54.1%**	28.6% – 218.9%	168

Student Progress

Comprises 60% of the Overall Score

This Year's Score: **0.624 x 60 = 37.4**

A

	Your School's Score	Your School Relative to Peer Horizon:		Your School Relative to City Horizon:		Number of students
		0% Peer Min	75% 100% Peer Max	0% City Min	75% 100% City Max	
Credit Accumulation						
Percentage of Students Earning 10+ Credits in 1st Year	82.7%	**79.5%**	42.3% – 93.1%	**73.5%**	34.8% – 100.0%	136
Percentage of Students in School's Lowest Third Earning 10+ Credits in 1st Year	73.2%	**81.0%**	14.7% – 86.9%	**70.1%**	10.4% – 100.0%	41
Percentage of Students Earning 10+ Credits in 2nd Year	69.0%	**56.9%**	40.5% – 90.6%	**52.4%**	34.9% – 100.0%	143
Percentage of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	60.0%	**65.2%**	13.5% – 84.8%	**56.6%**	11.4% – 97.2%	45
Percentage of Students Earning 10+ Credits in 3rd Year	74.9%	**74.8%**	41.6% – 86.1%	**60.9%**	35.8% – 100.0%	156
Percentage of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	64.3%	**78.9%**	15.8% – 77.3%	**62.2%**	11.5% – 96.4%	42
Average Completion Rate for Remaining Regents	30.9%	**56.6%**	15.5% – 42.7%	**47.5%**	3.2% – 61.5%	465
Weighted Regents Pass Rates						
English	1.03	**51.9%**	0.63 – 1.40	**57.7%**	0.39 – 1.50	129
Mathematics	0.89	**38.8%**	0.49 – 1.52	**42.5%**	0.35 – 1.62	171
Science	1.20	**60.8%**	0.41 – 1.71	**61.3%**	0.28 – 1.78	225
United States History	1.00	**53.9%**	0.45 – 1.47	**60.6%**	0.37 – 1.41	118
Global History	0.96	**63.2%**	0.22 – 1.39	**63.8%**	0.13 – 1.43	154