Department of Education

Progress Report 2007-08

HIGH SCHOOL

This Progress Report is for:

SCHOOL	**Life Sciences Secondary School (02M655)**
PRINCIPAL	**Genevieve Stanislaus**
ENROLLMENT	**543**
SCHOOL TYPE	**HIGH SCHOOL**
PEER INDEX	**2.37**

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 2007-08 is 57.6
- This score places the School in the 48 percentile of all high schools Citywide–i.e., 48 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	**4.7** out of 15	C
Student Performance	**20.2** out of 25	A
Student Progress	**30.7** out of 60	B
Additional Credit	**2.0** (16 max)	
Overall Score	**57.6** out of 100	B

How scores translate to grades:

- Schools receive letter grades based on their overall score
- Schools with an overall score between 43.5-64.1 receive a letter grade of B
- 44% of high schools earned a B 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:
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
		Credit Accumulation
	21.7%	English Language Learners
	31.3%	Special Education Students
	38.8%	Hispanic Students in the Lowest Third Citywide
	38.6%	Black Students in the Lowest Third Citywide
	-	Other Students in the Lowest Third Citywide
		Lowest Third Citywide Regents
+1	12.0%	ELA
+1	4.9%	Math
	6.5%	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 Life Sciences Secondary School, ranked in order from highest to lowest peer index, are:

DBN	School Name	DBN	School Name
84M353	New Heights Academy Charter School	18K569	Kurt Hahn Expeditionary Learning School
28Q505	Hillcrest High School	24Q267	High School of Applied Communication
03M860	Frederick Douglass Academy II Secondary School	29Q248	Queens Preparatory Academy
24Q600	Queens Vocational and Technical High School	32K545	EBC High School for Public Service–Bushwick
12X267	Bronx Latin	05M469	Choir Academy of Harlem
29Q283	Preparatory Academy for Writers: A College Board S	18K563	It Takes a Village Academy
09X505	Bronx School for Law, Government and Justice	18K567	Brooklyn Theatre Arts High School
10X440	DeWitt Clinton High School	13K488	Brooklyn Preparatory High School
02M520	Murry Bergtraum High School for Business Careers	10X546	Bronx Theatre High School
17K544	International Arts Business School	29Q265	Excelsior Preparatory High School
20K445	New Utrecht High School	17K408	Academy of Hospitality and Tourism
10X284	Bronx School of Law and Finance	09X231	Eagle Academy for Young Men
02M296	High School of Hospitality Management	30Q445	William Cullen Bryant High School
23K493	Brooklyn Collegiate: A College Board School	14K478	Enterprise, Business and Technology High School
29Q498	Humanities & Arts Magnet High School	02M425	Leadership and Public Service High School
29Q494	Law, Government and Community Service High Sch	16K322	Foundations Academy
25Q263	Flushing International High School	30Q450	Long Island City High School
21K410	Abraham Lincoln High School	31R450	Curtis High School
29Q259	Pathways College Preparatory School: A College Bo	11X275	High School of Computers and Technology
11X265	Bronx Lab School	17K528	High School for Global Citizenship, The

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 **Life Sciences Secondary School**
PRINCIPAL **Genevieve Stanislaus**

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: **0.312 x 15 = 4.7**

C

	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	6.3	**18.2%**	5.9	8.1	**23.1%**	5.7	8.3	
Communication	5.3	**13.0%**	5.0	7.3	**19.2%**	4.8	7.4	
Engagement	5.5	**23.1%**	4.9	7.5	**27.6%**	4.7	7.6	
Safety and Respect	6.0	**24.0%**	5.4	7.9	**25.8%**	5.2	8.3	
Attendance (5 points)	85.5%	**52.5%**	78.1%	92.2%	**52.0%**	72.6%	97.4%	

Student Performance

Comprises 25% of the Overall Score

This Year's Score: **0.806 x 25 = 20.2**

A

	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	82.7%	**90.0%**	42.4%	87.2%	**75.7%**	28.7%	100.0%	133
Weighted Diploma Rate	156.4%	**84.6%**	68.2%	172.5%	**65.7%**	21.5%	226.9%	133
Six Year								
Graduation Rate	80.3%	**84.9%**	49.9%	85.7%	**69.3%**	35.9%	100.0%	147
Weighted Diploma Rate	135.7%	**81.1%**	80.8%	148.5%	**56.3%**	28.6%	218.9%	147

Student Progress

Comprises 60% of the Overall Score

This Year's Score: **0.511 x 60 = 30.7**

B

	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	69.6%	**49.5%**	46.3%	93.4%	**53.4%**	34.8%	100.0%	139
Percentage of Students in School's Lowest Third Earning 10+ Credits in 1st Year	51.2%	**50.4%**	15.3%	86.5%	**45.5%**	10.4%	100.0%	43
Percentage of Students Earning 10+ Credits in 2nd Year	68.5%	**50.7%**	45.8%	90.6%	**51.6%**	34.9%	100.0%	146
Percentage of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	51.1%	**50.4%**	16.6%	85.0%	**46.3%**	11.4%	97.2%	45
Percentage of Students Earning 10+ Credits in 3rd Year	65.9%	**47.4%**	46.9%	87.0%	**46.9%**	35.8%	100.0%	134
Percentage of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	42.5%	**39.2%**	17.4%	81.4%	**36.5%**	11.5%	96.4%	40
Average Completion Rate for Remaining Regents	30.5%	**48.8%**	16.3%	45.4%	**46.8%**	3.2%	61.5%	422
Weighted Regents Pass Rates								
English	1.14	**70.7%**	0.49	1.41	**67.6%**	0.39	1.50	115
Mathematics	0.84	**34.2%**	0.43	1.63	**38.6%**	0.35	1.62	238
Science	0.82	**39.2%**	0.26	1.69	**36.0%**	0.28	1.78	134
United States History	0.85	**44.4%**	0.45	1.35	**46.2%**	0.37	1.41	149
Global History	1.28	**91.4%**	0.22	1.38	**88.5%**	0.13	1.43	92