Department of Education

Progress Report 2008-09

HIGH SCHOOL

This Progress Report is for:

SCHOOL	**Science, Technology and Research Early College High School at**
PRINCIPAL	**Dr. Eric L. Blake**
ENROLLMENT	**310**
SCHOOL TYPE	**HIGH SCHOOL**
PEER INDEX	**3.19**

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 81.7
- This score places the School in the 83 percentile of all high schools Citywide–i.e., 83 percent of those schools scored lower than this school

Category	Calculated Score	Category Grade
School Environment	**7.5** out of 15	**C**
Student Performance	**18.6** out of 25	**A**
Student Progress	**55.6** out of 60	**A**
Additional Credit	**0.0** (16 max)	
Overall Score	**81.7** out of 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 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
	-	English Language Learners
	-	Special Education Students
	-	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
	-	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 Science, Technology and Research Early College High School at Erasmus are:

DBN	School Name	DBN	School Name
27Q323	Scholars' Academy	02M545	High School for Dual Language and Asian Studies
03M485	Fiorello H. LaGuardia High School of Music & Art an	02M519	Talent Unlimited High School
28Q680	Queens Gateway to Health Sciences Secondary Sch	26Q415	Benjamin N. Cardozo High School
02M416	Eleanor Roosevelt High School	05M499	Frederick Douglass Academy
01M539	New Explorations into Science, Technology and Mat	04M435	Manhattan Center for Science and Mathematics
14K449	Brooklyn Latin School, The	27Q650	High School for Construction Trades, Engineering and Archi
30Q580	Baccalaureate School for Global Education	26Q495	Bayside High School
02M411	Baruch College Campus High School	28Q620	Thomas A. Edison Career and Technical Education High Sc
22K535	Leon M. Goldstein High School for the Sciences	30Q575	Academy of American Studies
03M479	Beacon High School	13K595	Bedford Academy High School
13K670	Benjamin Banneker Academy	04M610	Young Women's Leadership School
02M412	N.Y.C. Lab School for Collaborative Studies	24Q610	Aviation Career & Technical Education High School
30Q501	Frank Sinatra School of the Arts High School	07X500	Hostos-Lincoln Academy of Science
02M418	Millennium High School		
22K405	Midwood High School		
03M541	Manhattan / Hunter Science High School		
22K555	Brooklyn College Academy		
17K590	Medgar Evers College Preparatory School		
84M709	Harlem Village Academy Charter School		
02M408	Professional Performing Arts 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 **Science, Technology and Research Early College High School at Erasmus**
PRINCIPAL **Dr. Eric L. Blake**

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: **7.5 out of 15**

C

	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	7.6	**54.5%** (6.4 – 8.6)	**73.1%** (5.7 – 8.3)	
Communication	6.2	**44.4%** (5.0 – 7.7)	**53.8%** (4.8 – 7.4)	
Engagement	6.3	**42.9%** (5.1 – 7.9)	**55.2%** (4.7 – 7.6)	
Safety and Respect	6.8	**23.1%** (6.2 – 8.8)	**51.6%** (5.2 – 8.3)	
Attendance (5 points)	92.6%	**50.5%** (87.3% – 97.8%)	**80.6%** (72.6% – 97.4%)	

Student Performance

Comprises 25% of the Overall Score

This Year's Score: **18.6 out of 25**

A

	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	98.9%	**95.7%** (74.2% – 100.0%)	**98.5%** (28.7% – 100.0%)	90
Weighted Diploma Rate	200.6%	**51.2%** (138.9% – 259.3%)	**87.2%** (21.5% – 226.9%)	90
Six Year				
Graduation Rate	98.7%	**94.5%** (76.4% – 100.0%)	**98.0%** (35.9% – 100.0%)	76
Weighted Diploma Rate	173.7%	**35.8%** (140.1% – 233.9%)	**76.2%** (28.6% – 218.9%)	76

Student Progress

Comprises 60% of the Overall Score

This Year's Score: **55.6 out of 60**

A

	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	98.5%	**94.1%** (74.5% – 100.0%)	**97.7%** (34.8% – 100.0%)	68
Percentage of Students in School's Lowest Third Earning 10+ Credits in 1st Year	95.0%	**90.9%** (45.1% – 100.0%)	**94.4%** (10.4% – 100.0%)	20
Percentage of Students Earning 10+ Credits in 2nd Year	95.6%	**84.5%** (71.7% – 100.0%)	**93.2%** (34.9% – 100.0%)	68
Percentage of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	88.2%	**78.7%** (44.7% – 100.0%)	**89.5%** (11.4% – 97.2%)	17
Percentage of Students Earning 10+ Credits in 3rd Year	88.5%	**62.0%** (69.7% – 100.0%)	**82.1%** (35.8% – 100.0%)	78
Percentage of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	100.0%	**100.0%** (45.7% – 100.0%)	**104.2%** (11.5% – 96.4%)	18
Average Completion Rate for Remaining Regents	83.9%	**125.3%** (39.8% – 75.0%)	**138.4%** (3.2% – 61.5%)	239
Weighted Regents Pass Rates				
English	1.13	**76.7%** (0.90 – 1.20)	**66.7%** (0.39 – 1.50)	89
Mathematics	1.99	**146.1%** (0.88 – 1.64)	**129.1%** (0.35 – 1.62)	118
Science	1.40	**64.6%** (0.89 – 1.68)	**74.7%** (0.28 – 1.78)	114
United States History	1.13	**72.7%** (0.89 – 1.22)	**73.1%** (0.37 – 1.41)	88
Global History	1.34	**107.3%** (0.75 – 1.30)	**93.1%** (0.13 – 1.43)	82