Department of Education

Progress Report 2007-08

HIGH SCHOOL

This Progress Report is for:

SCHOOL	**George Washington Carver High School for the Sciences (29Q272)**
PRINCIPAL	**Dr. Janice Sutton**
ENROLLMENT	**402**
SCHOOL TYPE	**HIGH SCHOOL**
PEER INDEX	**2.43**

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 69.9
- This score places the School in the 74 percentile of all high schools Citywide–i.e., 74 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	**11.0** out of 15	**A**
Student Performance	**17.2** out of 25	**A**
Student Progress	**37.7** out of 60	**A**
Additional Credit	**4.0** (16 max)	
Overall Score	**69.9** 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
	-	English Language Learners
+1	46.9%	Special Education Students
+1	48.3%	Hispanic Students in the Lowest Third Citywide
	42.2%	Black Students in the Lowest Third Citywide
	-	Other Students in the Lowest Third Citywide
		Lowest Third Citywide Regents
+2	22.2%	ELA
	3.3%	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 George Washington Carver High School for the Sciences, ranked in order from highest to lowest peer index, are:

DBN	School Name	DBN	School Name
15K463	Secondary School for Journalism	16K393	Frederick Douglass Academy IV Secondary School
17K600	Clara Barton High School	26Q435	Martin Van Buren High School
05M670	Thurgood Marshall Academy for Learning and Socia	30Q502	Information Technology High School
13K439	Brooklyn International High School	09X250	Eximius College Preparatory Academy: A College Board Scl
10X495	University Heights Secondary School at Bronx Comr	02M529	Jacqueline Kennedy Onassis High School
27Q279	Cypress Hills Collegiate Preparatory School	84M353	New Heights Academy Charter School
17K547	Brooklyn Academy of Science and the Environment	28Q505	Hillcrest High School
19K615	Transit Tech Career and Technical Education High S	03M860	Frederick Douglass Academy II Secondary School
07X551	Bronx Academy of Letters	24Q600	Queens Vocational and Technical High School
17K382	Academy for College Preparation and Career Explor	12X267	Bronx Latin
14K404	Academy for Young Writers	29Q283	Preparatory Academy for Writers: A College Board School
02M305	Urban Assembly Academy of Government and Law,	09X505	Bronx School for Law, Government and Justice
14K558	Williamsburg High School for Architecture and Desig	10X440	DeWitt Clinton High School
13K265	Dr. Susan S. McKinney Secondary School of the Art	02M520	Murry Bergtraum High School for Business Careers
16K594	Gotham Professional Arts Academy	17K544	International Arts Business School
09X517	Frederick Douglass Academy III Secondary School	20K445	New Utrecht High School
24Q560	Robert F. Wagner, Jr. Secondary School for Arts an	10X284	Bronx School of Law and Finance
18K576	Victory Collegiate High School	02M296	High School of Hospitality Management
23K697	Teachers Preparatory High School	23K493	Brooklyn Collegiate: A College Board School
17K548	Brooklyn School for Music & Theatre	29Q498	Humanities & Arts Magnet 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 **George Washington Carver High School for the Sciences**
PRINCIPAL **Dr. Janice Sutton**

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:
0.735 x 15 = 11

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
Survey Scores (10 points)								
Academic Expectations	7.5	**72.7%**	5.9	8.1	**69.2%**	5.7	8.3	
Communication	6.7	**73.1%**	4.8	7.4	**73.1%**	4.8	7.4	
Engagement	6.9	**77.8%**	4.8	7.5	**75.9%**	4.7	7.6	
Safety and Respect	7.1	**63.0%**	5.4	8.1	**61.3%**	5.2	8.3	
Attendance (5 points)	90.0%	**80.7%**	78.3%	92.8%	**70.2%**	72.6%	97.4%	

Student Performance

Comprises 25% of the Overall Score

This Year's Score:
0.689 x 25 = 17.2

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	65.2%	**44.5%**	47.3%	87.5%	**51.2%**	28.7%	100.0%	69
Weighted Diploma Rate	128.3%	**55.6%**	82.0%	165.2%	**52.0%**	21.5%	226.9%	69
Six Year								
Graduation Rate	85.4%	**92.4%**	53.9%	88.0%	**77.2%**	35.9%	100.0%	41
Weighted Diploma Rate	158.5%	**92.1%**	79.4%	165.3%	**68.3%**	28.6%	218.9%	41

Student Progress

Comprises 60% of the Overall Score

This Year's Score:
0.629 x 60 = 37.7

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
Credit Accumulation								
Percentage of Students Earning 10+ Credits in 1st Year	78.7%	**63.4%**	41.8%	100.0%	**67.3%**	34.8%	100.0%	117
Percentage of Students in School's Lowest Third Earning 10+ Credits in 1st Year	67.6%	**69.3%**	15.7%	90.6%	**63.8%**	10.4%	100.0%	34
Percentage of Students Earning 10+ Credits in 2nd Year	78.9%	**70.5%**	49.7%	91.1%	**67.6%**	34.9%	100.0%	108
Percentage of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	48.3%	**42.3%**	20.7%	85.9%	**43.0%**	11.4%	97.2%	29
Percentage of Students Earning 10+ Credits in 3rd Year	66.7%	**43.0%**	50.7%	87.9%	**48.1%**	35.8%	100.0%	84
Percentage of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	52.4%	**48.9%**	21.5%	84.7%	**48.2%**	11.5%	96.4%	21
Average Completion Rate for Remaining Regents	43.5%	**88.6%**	19.5%	46.6%	**69.1%**	3.2%	61.5%	272
Weighted Regents Pass Rates								
English	1.07	**54.9%**	0.28	1.72	**61.3%**	0.39	1.50	63
Mathematics	0.96	**46.8%**	0.52	1.46	**48.0%**	0.35	1.62	221
Science	1.55	**85.3%**	0.45	1.74	**84.7%**	0.28	1.78	164
United States History	1.22	**84.7%**	0.50	1.35	**81.7%**	0.37	1.41	67
Global History	0.94	**60.4%**	0.27	1.38	**62.3%**	0.13	1.43	130