



2005-06 ANNUAL SCHOOL REPORT SUPPLEMENT

Region 03

H.S. 272

GEORGE WASHINGTON CARVER HIGH SCHOOL FOR THE SCIENCES

New York City Public Schools
Joel I. Klein, Chancellor

Grade Levels:

Students on Oct. 31, 2005: 304

Students on May 1, 2006:

School Mission Statement

The mission of the George Washington Carver High School (GWCHSS) is to raise the knowledge, skills and opportunities of every student to become lifelong learners and to pursue careers in science, mathematics and/or technology. GWCHSS will provide students with an in-depth, well-rounded and thorough college preparatory education with an emphasis on science and mathematics. At all levels of training, classroom teaching and learning will be complemented with authentic, inquiry-based learning and research experiences that will enable students to become adept at critical thinking and problem solving. GWCHSS is designed to challenge each student to think independently and to be resourceful. Thus, our school will commence the training process to prepare our students to pursue higher level education and become life long learners and literate citizen-leaders to meet the demands of our society through successful interdisciplinary approaches.

Principal's Statement

George Washington Carver High School for the Sciences is an academically rigorous small school which focuses primarily on science education. All students enrolled will grow intellectually through our inquiry-based, standards-based, student-centered instruction that connects academics with authentic real-world experiences, geared towards academic excellence and thorough preparation for higher education. In addition to the academic aspects, the physical, emotional and social well-being of our student populace will be nurtured through advisories and after school programs serviced in a small, safe and personalized learning community.

Special Academic Programs

Carver Research Institute: Students will identify problems, devise and test solutions, analyze results and apply learning outcomes to novel model systems. **Veterinary Science Institute:** Students will gain a fundamental understanding through genuine hands-on experiences and the handling, care and maintenance of small animals.

Extracurricular Activities

Carver Student Union, Peer Mentoring, PM School, Peer Tutoring, Newspaper, Mock Trial, Model UN, National Honor Society Clubs: Drama, Chess, Multicultural. Sports: Baseball, basketball, bowling, football, handball, outdoor track and field, soccer, softball, tennis, volleyball, wrestling.

Community Support

Foundation For Excellent Schools, Liberty Partnership, Queensborough Community College, York College, Queens College, St. John's University, Education Alliance at Brown University, Bridge to Medicine, Junior Achievement.

Parent/School Support

Implement dress code policy, Increase parental participation, Workshops, Health Forum.



2006-07 School Accountability Status:

In Good Standing

This school received Title I Funding in:

2004-05: YES; 2005-06: YES; 2006-07: YES

The Division of Assessment and Accountability (DAA) compiled this report primarily from central databases and information provided by this school's principal. Throughout the report, N/A indicates that information was not available or did not apply to this school. The 2005-2006 Annual School Report is a supplement to the New York State Education Department's School Report Card for New York City Schools. Consult the Parent Guide for an explanation of the data in this report. Other DAA reports can be obtained online at www.nyc.gov/daa.

STUDENTS

Involved In Police Department Incidents

The total enrollment in this consolidated location is 304 students. Please keep this number in mind as you review the numbers of incidents.

| | This school | Consolidated Locations | Similar Size schools |
|------------------------|-------------|------------------------|----------------------|
| Major Crimes | | | |
| Property Crimes | | 1 | 0.7 |
| Crimes Against Persons | | 1 | 0.5 |
| Other Crimes | | 4 | 4.9 |
| Non- Criminal | | 26 | 7.0 |

No separate data is available for this school. Multiple schools are found at a single address, and the incident data have been consolidated so that the same data are reported for all those schools. These schools are included in this consolidated location: GEORGE WASHINGTON CARVER HIGH SCHOOL FOR THE SCIENCES|QUEENS PREPARATORY ACADEMY|SPRINGFIELD GARDENS HS|EXCELSIOR PREPARATORY HIGH SCHOOL, Similar-Sized Schools include all schools and consolidated locations with enrollments of 1001-1250 students

<http://schools.nyc.gov/ourschools/schoolsafety.htm>

Recent Immigrants*

| Percent of enrollment | 2004 | 2005 | 2006 |
|-----------------------|------|------|------|
| This school | | 11.2 | 11.2 |
| Similar schools | 9.5 | 8.1 | 5.9 |
| City schools | 11.6 | 9.8 | 7.6 |

* Students enrolled as of Oct. 31, 2005 who immigrated to the U.S. within the last three years.

Recent Immigrants' Place of Birth

| Percent of students | 2006 |
|---------------------|------|
| HAITI | 3 |
| JAMAICA | 3 |
| NIGERIA | 0.7 |

Profile of Entering Ninth and Tenth Graders*

| Characteristics | This School | Similar Schools | City Schools |
|--------------------------------------|-------------|-----------------|--------------|
| | Percent | Percent | Percent |
| Gender Male | 47.2 | 49.7 | 50.5 |
| Gender Female | 52.8 | 50.3 | 49.5 |
| Part-time Special Education | 3.4 | 6.5 | 5.8 |
| Full-time Special Education | 1.1 | 5.1 | 5.2 |
| ELL | 0 | 9.5 | 12.8 |
| Over-age for grade | 21.3 | 26.5 | 29.9 |
| Percent eligible for free lunch | 21.3 | 26.5 | 29.9 |
| Avg. daily attend. during prior sem. | 92.4 | 90.1 | 89.8 |
| Percent meeting standard in: | | | |
| ELA (tested only) | 43.7 | 30.3 | 32.7 |
| Mathematics (tested only) | 53.5 | 39.7 | 40.8 |

* This information is for the students who were on register as new 9th and 10th graders on October 31, 2005 and came from another school.

* Not applicable to elementary and middle schools

Admission to Other Schools in September 2005

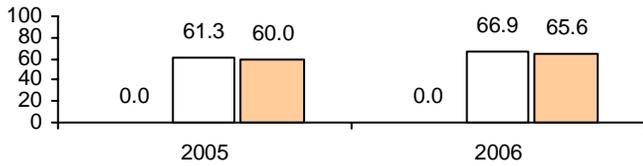
| School Name | Boro | District | Leavers* | |
|-------------|------|----------|---------------|---------|
| | | | School Number | Percent |
| | | | | |

* Leavers are students who left their school for any reason.

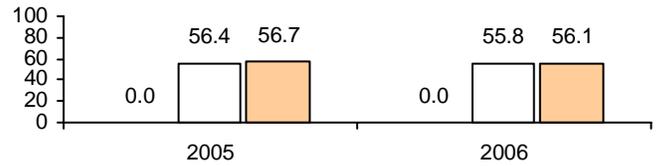
SCHOOL CHARACTERISTICS

TEACHERS

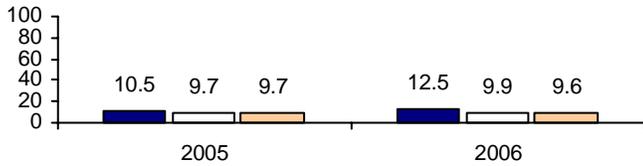
Percent More Than Two Years Teaching in This School



Percent More Than Five Years Teaching Anywhere



Average Days Absent



SCHOOL EXPENDITURES

Average Spending Per Student (Direct Services Only)

| | 2004 | 2005 | 2006 |
|-----------------|----------|----------|------|
| This school | | | N/A |
| Similar schools | \$10,584 | \$10,761 | N/A |
| City schools | \$11,138 | \$11,607 | N/A |

Note: The state calculation of school expenditures per student for direct and indirect services in 2004 was \$12,896 for all New York City schools. An average of \$13,085 was calculated for all New York State schools including those in New York City.

How money was spent in this school in 2005 (Direct Services Only)



% is used for District Support.

OTHER SCHOOL INFORMATION

School Capacity

| Percent of utilization* | 2004 | 2005 | 2006 |
|-------------------------|-------|-------|-------|
| This school | | 48.5 | 49.9 |
| Similar schools | 116.3 | 113.2 | 111.3 |
| City schools | 106.0 | 106.4 | 103.5 |

*When over 100%, school has exceeded official capacity.

PERFORMANCE OF ALL STUDENTS ON REGENTS EXAMINATIONS

| | 2004-2005 | | | | 2005-2006 | | | |
|-------------------------------------|-----------|----------|----------|----------|-----------|----------|----------|----------|
| | Number | 55 - 100 | 65 - 100 | 85 - 100 | Number | 55 - 100 | 65 - 100 | 85 - 100 |
| | Tested | Percent | Percent | Percent | Tested | Percent | Percent | Percent |
| ENGLISH | | | | | | | | |
| This School | 28 | 100.0 | 100.0 | 50.0 | 86 | 95.3 | 91.9 | 26.7 |
| Similar Schools | 14182 | 84.5 | 70.4 | 16.0 | 16707 | 82.2 | 69.2 | 15.9 |
| City Schools | 63738 | 78.1 | 61.6 | 16.6 | 70344 | 77.6 | 62.9 | 16.6 |
| MATH A | | | | | | | | |
| This School | 111 | 76.6 | 50.5 | 0.9 | 121 | 73.6 | 38.8 | 5.8 |
| Similar Schools | 17486 | 87.6 | 70.5 | 13.5 | 19092 | 87.5 | 70.0 | 13.2 |
| City Schools | 74616 | 81.2 | 61.0 | 13.6 | 76930 | 83.1 | 62.3 | 13.9 |
| MATH B | | | | | | | | |
| This School | 45 | 37.8 | 20.0 | 0.0 | 48 | 47.9 | 20.8 | 0.0 |
| Similar Schools | 4387 | 66.0 | 52.1 | 9.7 | 5112 | 66.2 | 50.9 | 9.3 |
| City Schools | 18163 | 70.4 | 58.5 | 16.3 | 21205 | 68.9 | 56.4 | 15.5 |
| CHEMISTRY | | | | | | | | |
| This School | 28 | 64.3 | 39.3 | 0.0 | 42 | 64.3 | 33.3 | 2.4 |
| Similar Schools | 5791 | 77.5 | 50.3 | 4.7 | 5848 | 78.0 | 51.8 | 6.2 |
| City Schools | 23988 | 77.5 | 55.9 | 10.5 | 24062 | 79.3 | 58.0 | 13.1 |
| LIVING ENVIRONMENT | | | | | | | | |
| This School | 142 | 52.1 | 41.5 | 4.9 | 77 | 79.2 | 68.8 | 3.9 |
| Similar Schools | 15327 | 77.2 | 59.8 | 7.1 | 17800 | 78.9 | 59.9 | 6.6 |
| City Schools | 62307 | 72.7 | 55.2 | 10.6 | 65322 | 76.0 | 56.5 | 9.7 |
| GLOBAL HISTORY AND GEOGRAPHY | | | | | | | | |
| This School | 97 | 52.6 | 32.0 | 2.1 | 128 | 39.1 | 26.6 | 3.1 |
| Similar Schools | 17557 | 75.2 | 58.7 | 15.2 | 20047 | 71.7 | 55.0 | 16.1 |
| City Schools | 73666 | 68.8 | 51.1 | 15.3 | 77999 | 66.6 | 49.4 | 16.5 |
| U.S. HISTORY AND GOVERNMENT | | | | | | | | |
| This School | 30 | 100.0 | 96.7 | 40.0 | 86 | 80.2 | 64.0 | 12.8 |
| Similar Schools | 14542 | 81.3 | 68.8 | 26.1 | 16603 | 83.1 | 69.5 | 29.2 |
| City Schools | 60352 | 76.4 | 61.9 | 25.6 | 65271 | 79.8 | 64.0 | 27.7 |
| LANGUAGES OTHER THAN ENGLISH | | | | | | | | |
| This School | 30 | 93.3 | 90.0 | 23.3 | 52 | 100.0 | 100.0 | 26.9 |
| Similar Schools | 5678 | 98.6 | 96.7 | 63.3 | 5412 | 98.4 | 96.7 | 66.7 |
| City Schools | 22273 | 98.1 | 96.3 | 66.7 | 21600 | 98.2 | 96.2 | 67.4 |

These data are based on all students, including General Education and Special Education students, regardless of services received.

OTHER INDICATORS

SCHOLASTIC APTITUDE TEST (SAT) IN 2005-2006

Percent of 11th and 12th graders taking SAT

| | This School | Similar Schools | City Schools |
|--------------------------------|----------------|--------------------|-----------------|
| 11th and 12th grade enrollment | 73 | 24166 | 100890 |
| Percent taking SAT | 32.9 | 39.4 | 36.1 |

Average SAT Scores*

| SAT Section | This School | Similar Schools | City Schools |
|-------------|----------------|--------------------|-----------------|
| Verbal | 445 | 426 | 444 |
| Mathematics | 472 | 433 | 467 |

* Scores on each segment of this test range from 200 to 800.

STUDENT PLANS AFTER GRADUATION

Post-high school plans of the 2006 graduates*

| | This ** School | Similar Schools | City Schools |
|-------------------|-------------------|--------------------|-----------------|
| | Percent | Percent | Percent |
| 4-Year college | 59.3 | 50.7 | 44.3 |
| 2-Year college | 22.2 | 14.9 | 16.2 |
| Employment | 0 | 3.3 | 3.3 |
| Military services | 0 | 1.1 | 0.9 |
| Other | 18.5 | 30 | 35.2 |

** Data are not reported if the total number of 2006 graduates are less than 20.

* These are student reports, which do not include IEP diplomas or local certificates.