



2005-06 ANNUAL SCHOOL REPORT SUPPLEMENT

Region 08

H.S. 419

SCIENCE SKILLS CTR. HIGH SCHOOL FOR SCIENCE, TECHNOLOGY & THE CREATIVE

New York City Public Schools

Joel I. Klein, Chancellor

Grade Levels:

Students on Oct. 31, 2005: 928

Students on May 1, 2006:

School Mission Statement

Science Skills Center High School is dedicated to the mission of increasing the number of students in the areas of science, technology and mathematics, medicine and engineering, especially those from ethnic groups which have been historically underrepresented in careers in research and the corporate world. There is a strong emphasis on academic excellence, college experiences, community service and career planning before graduation.

Principal's Statement

Our school is committed to providing students with opportunities to excel in science, mathematics and research skills. We encourage students to continue to take courses in all the sciences and to continue to enhance their mathematical skills throughout their time in secondary school. Students are encouraged to take College Now courses and apply to summer internships throughout their time at Science Skills. We anticipate renewed energy and interest from our students as they make the transition into college. Parents and the community play a vital role in helping our school develop students for success.

Special Academic Programs

Peer Tutoring; Y.E.S. Program @ Polytechnic University; College Now @ NYC Technical College, John Jay College and Medgar Evers College; SciTech Summer Program @ Polytechnic; Bridge-to-Medicine Program @ CCNY; Gateway to Higher Education Program; BCAT partnership; Pre-Nursing Program at New York Technical College; ACE Program

Extracurricular Activities

Cross country, indoor and outdoor track; Jow-Lie-Dance Club; School Band; F.I.R.S.T. Robotics Competition; SSCHS Shakespeare Festival; English Speaking Union Shakespeare Recitation Contest; Manhattan Theatre Club, Theatre Development Fund, Drumline, Student Government; Writing Club; art Club; Step Team; Student Government; Yearbook.

Community Support

New Visions for Public Schools; New York City Technical College; Polytechnic University; Long Island University, Medgar Evers College, Suny Downstate Medical Center, Sponsors for Educational Opportunity, Imani House, Inc. The ACE Mentoring Program of Greater New York, The White Community Center, NYC Commission on Human Rights.

Parent/School Support

Parent workshops in new state assessments, new graduation requirements, college application process, college financial aid forms, and team building.



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2006-07 School Accountability Status:

In Good Standing

This school received Title I Funding in:

2004-05: NO; 2005-06: YES; 2006-07: NO

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 928 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		2	0.8
Crimes Against Persons		2	0.5
Other Crimes		28	6.7
Non- Criminal		15	12.3

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: THE URBAN ASSEMBLY SCHOOL OF MUSIC AND ART|BROOKLYN INTERNATIONAL HIGH SCHOOL|SCIENCE SKILLS CENTER HIGH SCHOOL FOR SCIENCE, TECHNOLOGY AND THE CREATIVE ARTS, Similar-Sized Schools include all schools and consolidated locations with enrollments of 1251-1500 students

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

Recent Immigrants*

Percent of enrollment	2004	2005	2006
This school	7.8	7.3	3.2
Similar schools	7.0	6.0	3.8
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
TRINIDAD & TOBAGO	1
JAMAICA	0.9
GUYANA	0.3

Profile of Entering Ninth and Tenth Graders*

Characteristics	This School	Similar Schools	City Schools
	Percent	Percent	Percent
Gender Male	61.5	47.6	50.5
Gender Female	38.5	52.4	49.5
Part-time Special Education	2.2	3.9	5.8
Full-time Special Education	0.7	2.2	5.2
ELL	1.5	6.1	12.8
Over-age for grade	15.9	15.7	29.9
Percent eligible for free lunch	15.9	15.7	29.9
Avg. daily attend. during prior sem.	93.2	92.7	89.8
Percent meeting standard in:			
ELA (tested only)	59	55.2	32.7
Mathematics (tested only)	72.2	67.1	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

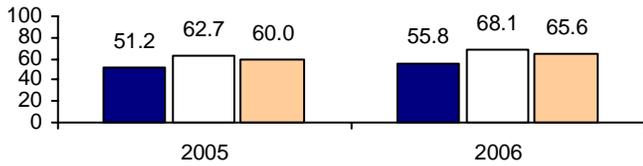
School Name	Boro	District	Leavers*	
			School Number	Percent

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

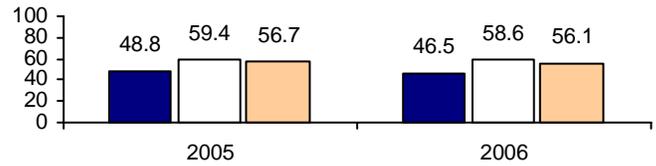
SCHOOL CHARACTERISTICS

TEACHERS

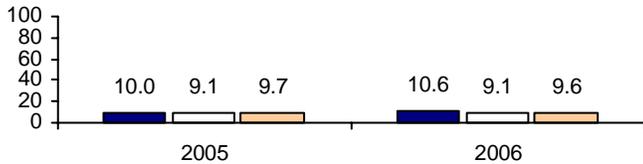
Percent More Than Two Years Teaching in This School



Percent More Than Five Years Teaching Anywhere



Average Days Absent



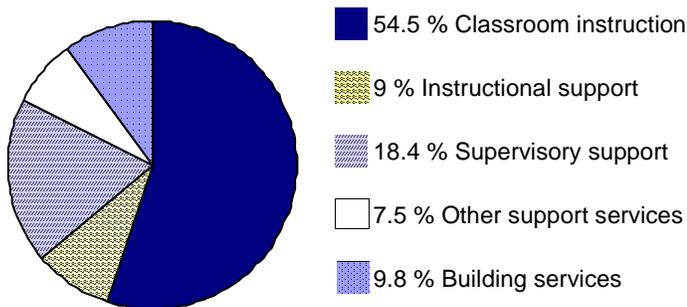
SCHOOL EXPENDITURES

Average Spending Per Student (Direct Services Only)

	2004	2005	2006
This school	\$8,215	\$8,467	N/A
Similar schools	\$11,279	\$11,188	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)



0.8 % is used for District Support.

OTHER SCHOOL INFORMATION

School Capacity

Percent of utilization*	2004	2005	2006
This school	104.8	121.6	125.4
Similar schools	116.8	113.4	117.5
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	204	81.9	66.2	7.4	221	87.3	74.7	19.9
Similar Schools	10011	92.4	84.4	31.2	11236	91.6	84.8	32.7
City Schools	63738	78.1	61.6	16.6	70344	77.6	62.9	16.6
MATH A								
This School	217	79.3	58.5	1.4	303	84.5	63.7	6.3
Similar Schools	10992	93.8	84.6	26.4	12194	93.0	82.8	28.4
City Schools	74616	81.2	61.0	13.6	76930	83.1	62.3	13.9
MATH B								
This School	71	23.9	9.9	0.0	97	27.8	17.5	0.0
Similar Schools	5706	75.1	62.2	13.1	6637	73.7	60.6	13.0
City Schools	18163	70.4	58.5	16.3	21205	68.9	56.4	15.5
CHEMISTRY								
This School	211	50.2	17.1	0.9	217	49.8	21.2	1.4
Similar Schools	7019	87.2	66.4	10.3	7712	86.8	66.0	13.2
City Schools	23988	77.5	55.9	10.5	24062	79.3	58.0	13.1
LIVING ENVIRONMENT								
This School	235	71.1	52.8	3.8	308	74.0	55.8	7.1
Similar Schools	11043	88.1	77.7	19.5	11548	88.8	76.5	17.0
City Schools	62307	72.7	55.2	10.6	65322	76.0	56.5	9.7
GLOBAL HISTORY AND GEOGRAPHY								
This School	227	60.4	41.9	6.2	270	67.0	48.5	5.9
Similar Schools	11777	85.0	73.5	27.6	12808	83.2	71.2	30.4
City Schools	73666	68.8	51.1	15.3	77999	66.6	49.4	16.5
U.S. HISTORY AND GOVERNMENT								
This School	207	73.4	55.6	12.1	210	74.8	58.1	12.9
Similar Schools	11546	89.0	81.6	42.9	11536	89.8	81.6	47.2
City Schools	60352	76.4	61.9	25.6	65271	79.8	64.0	27.7
LANGUAGES OTHER THAN ENGLISH								
This School	53	98.1	84.9	24.5	52	92.3	82.7	25.0
Similar Schools	5898	98.6	97.0	64.9	5522	98.5	96.9	61.0
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	290	20225	100890
Percent taking SAT	36.6	41.1	36.1

Average SAT Scores*

SAT Section	This School	Similar Schools	City Schools
Verbal	456	468	444
Mathematics	449	483	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	59.1	49.7	44.3
2-Year college	7.9	9.7	16.2
Employment	0	0.8	3.3
Military services	2.4	0.5	0.9
Other	30.7	39.4	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.