



# 2005-06 ANNUAL SCHOOL REPORT SUPPLEMENT

## Region 02

## H.S. 545

### BRONX AEROSPACE ACADEMY

New York City Public Schools

Joel I. Klein, Chancellor

Grade Levels:

Students on Oct. 31, 2005: 349

Students on May 1, 2006:

#### School Mission Statement

*The Bronx Aerospace High School is a true community of learners. We believe that teachers must be engaged in continual inquiry, if we are to meet the evolving needs of our students. Computer technology, Collaboration/Team Teaching (to effect differentiated instruction and understand the needs of our students), and Interdisciplinary Unit Planning are our "Big Three". Literacy, Mathematics, and Science are the "Small Three". Our commitment to professional development will expand and enhance our expertise in the Big Three. This will dictate student achievement in the Small Three. Technology (Edugame, interactive Read 180, etc.) will engage all levels of students in the learning process. Collaboration builds teams and relationships. Interdisciplinary planning scaffolds student learning; concepts are continually reinforced across disciplines. Students are better prepared to construct their own learning at their own pace in a supportive, nurturing environment.*

#### Principal's Statement

Bronx Aerospace is a school designed for kids. Our clients are our children; they are the reason we are here. Our goal is to help ensure each of our children reach their potential. Our motto: Attendance and Attitude equals Academic Achievement. Our attendance rate has been over 92% annually since we began. Our 2005 English and Living Environment Regents passing rates were 96% and 98%; Spanish was 100%. All students are members of the U.S. Air Force JROTC; all students wear the Air Force Uniform daily. Our school day is 7 a.m. to 4 p.m. Our after school program ends at 6:00 p.m. Our kids love their school. We love our kids. We are a family.

#### Special Academic Programs

Our Saturday Academy continues our focus on Literacy. Our program begins on the first Saturday in October and runs through the first Saturday in June from 9:00 a.m. to 1:00 p.m. Each Saturday, a Reading Specialist helps our struggling readers, while Humanities teachers prepare students for the English, Global, and History Regents exams.

#### Extracurricular Activities

Bronx Aerospace is a school for the 21st century. Our engaging extracurricular activities include Flight Instruction and Robotics. We have a state-of-the-art flight simulator where students learn all the basics of controlled flight. Upon graduation, students may begin flight training. Our robotics team was selected as Rookie Team of 2005.

#### Community Support

The Mosholu-Montefiore Community Center (MMCC), is our lead partner. The Center provides college counseling and summer employment for our students. The college counselor plans/holds college fairs and campus visits. Other benefits from our MMCC counselor are scheduling of ACT/PSAT/SAT exams. Our school is now an official ACT test site.

#### Parent/School Support

Our Parents are our extended clients. Our parents attend and participate in our annual end-of-year student banquet, and donate for parties during the year. Parents also hold raffles and bake sales at PA meetings, Open School and other well-attended events. The parents have formed the "Parent Brigade" to facilitate positive parent involvement.

#### 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](http://www.nyc.gov/daa).

# STUDENTS

## Involved In Police Department Incidents

The total enrollment in this consolidated location is 349 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	1.5
Crimes Against Persons		2	3.2
Other Crimes		23	20.1
Non- Criminal		119	54.8

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: HIGH SCHOOL OF COMPUTERS AND TECH. | HIGH SCHOOL FOR CONTEMP. ARTS | EVANDER CHILDS EVENING HS | BRONX ACADEMY OF HEALTH CAREERS | BRONX AEROSPACE ACAD. | EVANDER CHILDS HS | EVANDER CHILDS HS GED | BRONX HIGH SCHOOL FOR WRITING AND COMMUNICATION ARTS | BRONX LAB SCHOOL, Similar-Sized Schools include all schools and consolidated locations with enrollments of 3001-4000 students

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

## Recent Immigrants\*

Percent of enrollment	2004	2005	2006
This school	8.4	6.0	3.4
Similar schools	13.4	11.1	8.5
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
JAMAICA	1.7
GHANA	0.6
GUYANA	0.3

## Profile of Entering Ninth and Tenth Graders\*

Characteristics	This School	Similar Schools	City Schools
	Percent	Percent	Percent
Gender Male	79	52.7	50.5
Gender Female	21	47.3	49.5
Part-time Special Education	10.9	7.1	5.8
Full-time Special Education	4.2	7.1	5.2
ELL	26.1	13.7	12.8
Over-age for grade	42.9	38.1	29.9
Percent eligible for free lunch	42.9	38.1	29.9
Avg. daily attend. during prior sem.	86.5	87.8	89.8
Percent meeting standard in:			
ELA (tested only)	7.9	17.2	32.7
Mathematics (tested only)	19.8	25.3	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

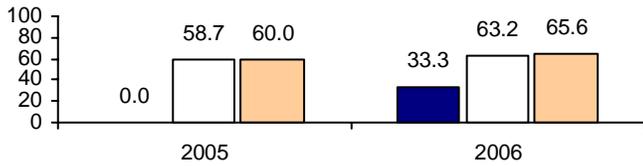
School Name	Boro	District	Leavers*	
			School Number	Percent

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

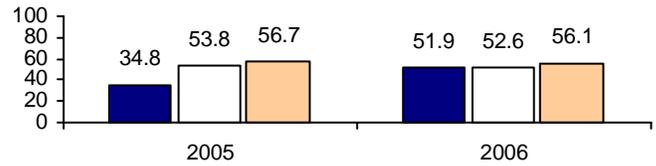
# SCHOOL CHARACTERISTICS

## TEACHERS

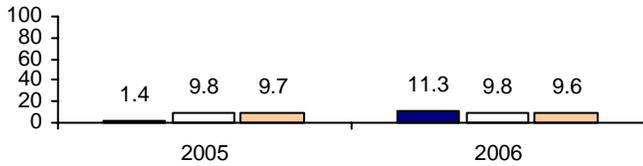
**Percent More Than Two Years Teaching in This School**



**Percent More Than Five Years Teaching Anywhere**



**Average Days Absent**



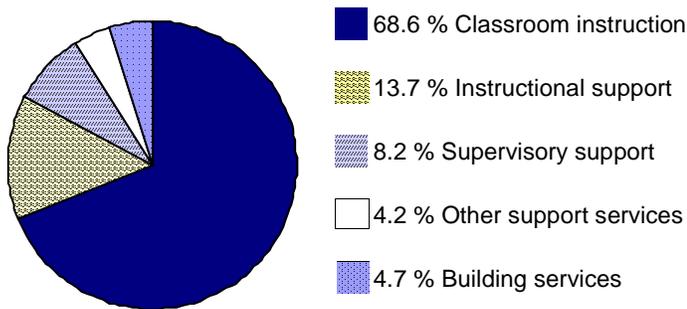
## SCHOOL EXPENDITURES

**Average Spending Per Student (Direct Services Only)**

	2004	2005	2006
This school	\$14,680	\$15,263	N/A
Similar schools	\$10,651	\$11,055	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)**



0.6 % is used for District Support.

## OTHER SCHOOL INFORMATION

### School Capacity

Percent of utilization*	2004	2005	2006
This school	87.4	84.4	123.3
Similar schools	100.7	102.2	96.8
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
<b>ENGLISH</b>								
<b>This School</b>	56	98.2	92.9	19.6	62	88.7	58.1	19.4
<b>Similar Schools</b>	21585	71.3	50.5	8.1	24495	70.9	52.7	8.5
<b>City Schools</b>	63738	78.1	61.6	16.6	70344	77.6	62.9	16.6
<b>MATH A</b>								
<b>This School</b>	96	92.7	64.6	1.0	117	96.6	76.9	6.8
<b>Similar Schools</b>	26130	74.9	49.3	5.1	27815	77.4	50.6	4.8
<b>City Schools</b>	74616	81.2	61.0	13.6	76930	83.1	62.3	13.9
<b>MATH B</b>								
<b>This School</b>					5	20.0	20.0	0.0
<b>Similar Schools</b>	3146	55.0	41.6	8.6	4042	52.7	39.0	7.5
<b>City Schools</b>	18163	70.4	58.5	16.3	21205	68.9	56.4	15.5
<b>CHEMISTRY</b>								
<b>This School</b>								
<b>Similar Schools</b>	5679	59.9	34.4	3.3	5133	60.8	35.1	3.8
<b>City Schools</b>	23988	77.5	55.9	10.5	24062	79.3	58.0	13.1
<b>LIVING ENVIRONMENT</b>								
<b>This School</b>	109	98.2	85.3	7.3	74	95.9	87.8	12.2
<b>Similar Schools</b>	20061	63.9	41.8	2.8	21169	67.3	42.9	2.6
<b>City Schools</b>	62307	72.7	55.2	10.6	65322	76.0	56.5	9.7
<b>GLOBAL HISTORY AND GEOGRAPHY</b>								
<b>This School</b>	9	55.6	0.0	0.0	91	90.1	82.4	33.0
<b>Similar Schools</b>	24901	59.8	38.8	6.5	27371	55.6	36.1	7.0
<b>City Schools</b>	73666	68.8	51.1	15.3	77999	66.6	49.4	16.5
<b>U.S. HISTORY AND GOVERNMENT</b>								
<b>This School</b>	94	58.5	39.4	4.3	31	77.4	41.9	3.2
<b>Similar Schools</b>	18654	67.9	49.5	13.8	21232	73.2	53.3	15.1
<b>City Schools</b>	60352	76.4	61.9	25.6	65271	79.8	64.0	27.7
<b>LANGUAGES OTHER THAN ENGLISH</b>								
<b>This School</b>	14	100.0	100.0	85.7	26	100.0	100.0	96.2
<b>Similar Schools</b>	4973	97.0	94.0	63.0	4777	96.9	93.7	64.7
<b>City Schools</b>	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	132	27984	100890
Percent taking SAT	4.5	33.6	36.1

#### Average SAT Scores\*

SAT Section	This School	Similar Schools	City Schools
Verbal	382	391	444
Mathematics	423	396	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 Percent	Similar Schools Percent	City Schools Percent
4-Year college	89.3	36.9	44.3
2-Year college	3.6	17.6	16.2
Employment	0	4.5	3.3
Military services	1.8	1.4	0.9
Other	5.4	39.6	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.