



2005-06 ANNUAL SCHOOL REPORT SUPPLEMENT

Region 09

H.S. 435

MANHATTAN CENTER FOR SCIENCE AND MATHEMATICS

New York City Public Schools

Joel I. Klein, Chancellor

Grade Levels:

Students on Oct. 31, 2005: 1,583

Students on May 1, 2006:

School Mission Statement

The mission of Manhattan Center for Science and Mathematics is to provide a challenging, academic program that enables students to compete for admission to selective, four-year, post secondary institutions. This preparation includes a grades nine through twelve concentration in science and mathematics, which is completed by the study of humanities and technology. The fulfillment of this mission is implemented through an extended-day academic program, as well as through the full collaboration of staff, students, parents and community. The tenets of our school vision will guide us in implementing our goal.

Principal's Statement

All students are programmed for 4 years of Mathematics and Science and a minimum of 3 years in foreign language instruction. Since all students are college bound, a rigorous enrichment program is offered during the day, as well as after school. Collaborations with many universities, private institutions, and community-based organizations provide resources to students throughout the year and during the summer.

Special Academic Programs

Science and Environmental Research, mentoring programs with Mt. Sinai, G.E., NYU, Cornell and Columbia University. Advanced Placement courses in Calculus, Chemistry, Biology, Physics, Statistics, History, Spanish and English. After-school enrichment program in all subject areas. Languages include Spanish, French, Latin and Japanese.

Extracurricular Activities

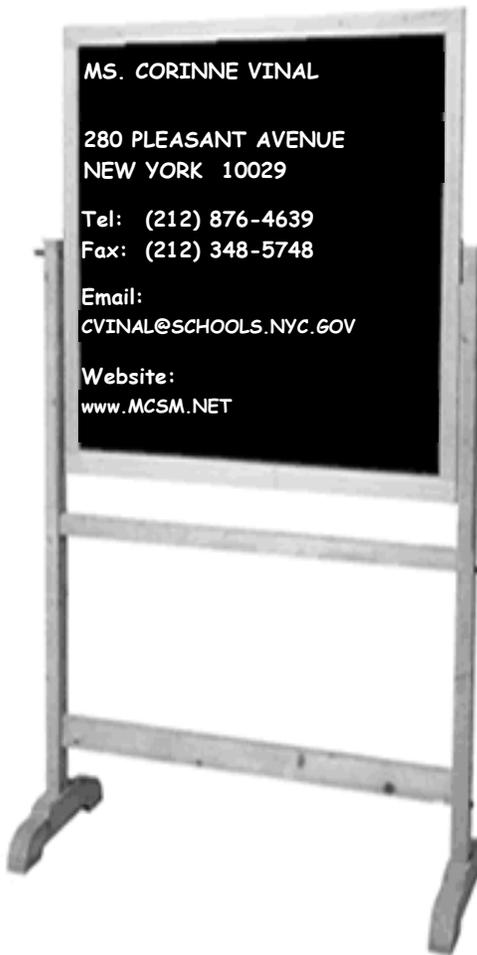
Aspira, Muslim, UMOJA, Desi clubs; Building with Books community service and leadership varsity sports teams; peer mediation; Photography, Chess Club, Math Team, CAD Club, National Honor Society, Dance, Art, Chorus and Band

Community Support

City College, Columbia University, Hunter College, Mt. Sinai Medical Center; support from the Learning Leaders, General Electric, NBC, NYU, Sponsors for Educational Opportunity College Readiness, East Harlem Center for Education, Children's Aid Society, Union Settlement, Community Resources, and Metropolitan Hospital.

Parent/School Support

Five parents currently sit on the Leadership Team. Parents are actively involved and collaborate with staff on workshops regarding teen adolescent development, college planning, study skills, English as a Second Language and stress management.



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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 1583 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	1.6
Crimes Against Persons		0	2.6
Other Crimes		9	18.5
Non- Criminal		7	45.6

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: ISAAC NEWTON JHS FOR SCIENCE & MATH|RIVER EAST|MANHATTAN CENTER FOR SCIENCE AND MATHEMATICS, Similar-Sized Schools include all schools and consolidated locations with enrollments of 2001-2500 students

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

Recent Immigrants*

Percent of enrollment	2004	2005	2006
This school	3.5	4.5	2.3
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
DOMINICAN REPUBLIC	1
CHINA	0.2
JAMAICA	0.1

Profile of Entering Ninth and Tenth Graders*

Characteristics	This School	Similar Schools	City Schools
	Percent	Percent	Percent
Gender Male	53.7	47.6	50.5
Gender Female	46.3	52.4	49.5
Part-time Special Education	1.6	3.9	5.8
Full-time Special Education	8.1	2.2	5.2
ELL	13.2	6.1	12.8
Over-age for grade	19	15.7	29.9
Percent eligible for free lunch	19	15.7	29.9
Avg. daily attend. during prior sem.	94.9	92.7	89.8
Percent meeting standard in:			
ELA (tested only)	62.3	55.2	32.7
Mathematics (tested only)	81	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

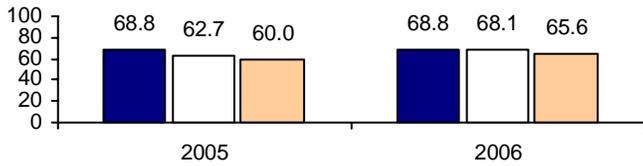
School Name	Boro	District	Leavers*	
			School Number	Percent

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

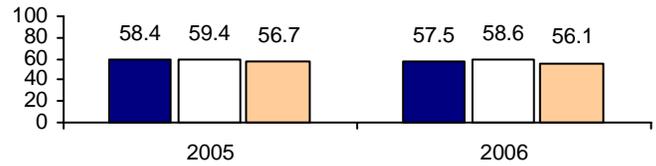
SCHOOL CHARACTERISTICS

TEACHERS

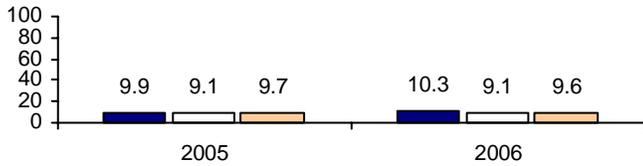
Percent More Than Two Years Teaching in This School



Percent More Than Five Years Teaching Anywhere



Average Days Absent



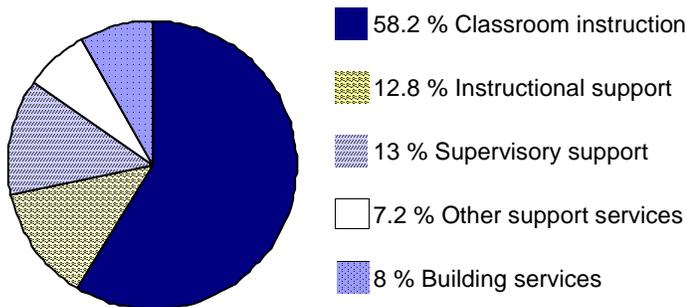
SCHOOL EXPENDITURES

Average Spending Per Student (Direct Services Only)

	2004	2005	2006
This school	\$7,759	\$9,068	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	118.9	108.6	116.3
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	484	89.0	83.3	11.8	355	92.7	87.0	14.6
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	278	96.0	92.1	26.3	360	96.1	93.3	46.9
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	417	83.0	68.8	5.0	288	80.9	68.8	14.2
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	439	89.5	65.8	5.5	368	91.6	71.5	11.7
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	288	94.1	88.5	27.8	394	97.2	93.9	35.8
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	404	84.2	77.0	23.0	379	81.3	71.0	21.9
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	469	89.6	83.2	36.2	361	90.9	83.4	36.8
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	313	99.4	97.8	68.7	267	95.5	95.1	63.7
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.