



# 2005-06 ANNUAL SCHOOL REPORT SUPPLEMENT

## Region 09

## I.S./H.S. 655

### LIFE SCIENCES SECONDARY SCHOOL

New York City Public Schools

Joel I. Klein, Chancellor

Grade Levels:

Students on Oct. 31, 2005: 699

Students on May 1, 2006:

#### School Mission Statement

*Life Sciences Secondary School, in conjunction with Mt. Sinai Medical Center, has as its primary mission to motivate our students to actively explore the field of health sciences. We have developed a rigorous academic program, which seeks to attract students who have a strong background and interest in the various disciplines of science. Our collaboration with Mt. Sinai Medical Center enables our staff to utilize the expertise of health professionals to further enhance our students' exploration, insight and understanding of the exciting world of science. We will provide a comprehensive learning experience in a small school setting, encompassing grades six through twelve. This will enable Life Sciences Secondary School the opportunity to establish a seamless curriculum combined with a strong, personal working relationship between staff and students. It is our commitment that all students will continue their education with admission into college.*

#### Principal's Statement

Life Sciences Secondary School, in order to fulfill its mission, has constructed state of the art science laboratories with equipment and materials to facilitate intensive science instruction. We utilize hands-on instruction for students as we emphasize problem-solving, decision-making and inquiry-based teaching strategies. All students are expected to attain high achievement standards in every subject area. We evaluate student mastery by assessing students' projects, reports, presentations, regents examination performances. The faculty participates in meaningful on-site professional development with renown educators.

#### Special Academic Programs

Mt. Sinai School of Medicine has committed its students, staff, faculty and facilities to expand the academic exposure available to the students at Life Sciences. Lectures, demonstrations, clinical seminars mentoring, as well as research and clinical electives are available to augment science inquiry.

#### Extracurricular Activities

Debate team, Science clubs and programs, students newspaper, chess team, and athletic teams have been infused into our school's culture. These clubs/sports excite and motivate students to excel in the total school experience.

#### Community Support

Our partnership with Mt. Sinai allows us to use all their resources to support the needs of our students. The Mt. Sinai Adolescent Center provides extensive support to the student body. In addition, internship opportunities help support the goals and objectives of our school, while providing hands-on experiences for our students.

#### Parent/School Support

The Parents' Association is an integral part of the decision-making process at Life Sciences. Parents help support the priorities and strategies which will meet our mission and vision. As active partners our parents participate in the multi-facets of our school serving on the School Leadership Team, fundraising activities, etc.

#### 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 699 students. Please keep this number in mind as you review the numbers of incidents.

	This school	Consolidated Locations	Similar Size schools
<b>Major Crimes</b>			
Property Crimes	0		0.4
Crimes Against Persons	2		0.1
Other Crimes	6		1.7
Non- Criminal	9		2.9

Similar-Size Schools include all schools and consolidated locations with enrollments of 501-750 students.

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

## Recent Immigrants\*

Percent of enrollment	2004	2005	2006
This school	2.7	2.3	1.7
Similar schools	2.7	2.7	2.2
City schools	5.8	5.7	3.8

\* 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

## Profile of Entering Ninth and Tenth Graders\*

Characteristics	This School	Similar Schools	City Schools
	Percent	Percent	Percent
Gender Male	41.6		
Gender Female	58.4		
Part-time Special Education	9.3		
Full-time Special Education	6.8		
ELL	8.1		
Over-age for grade	33.5		
Percent eligible for free lunch	33.5		
Avg. daily attend. during prior sem.	91.9		
Percent meeting standard in:			
ELA (tested only)	21.8		
Mathematics (tested only)	41.4		

\* 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

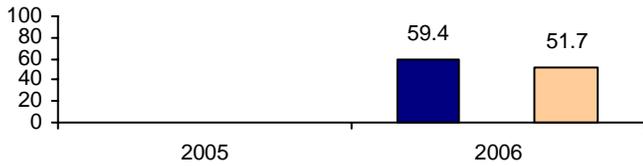
School Name	Boro	District	School Number	Leavers*	
				Number	Percent
EDWARD A.REYNOLDS WEST	M	79	505	9	33.3
WASHINGTON IRVING YABC	M	02	473	5	18.5
HIGH SCHOOL FOR ENVIRONM	M	02	400	1	3.7

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

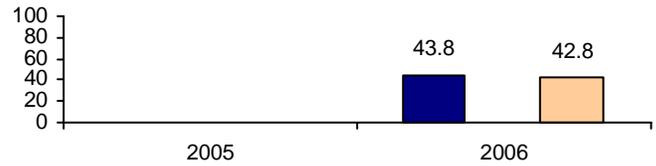
# SCHOOL CHARACTERISTICS

## TEACHERS

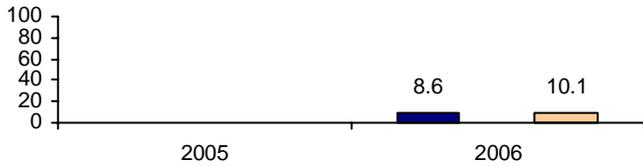
**Percent More Than Two Years Teaching in This School**



**Percent More Than Five Years Teaching Anywhere**



**Average Days Absent**



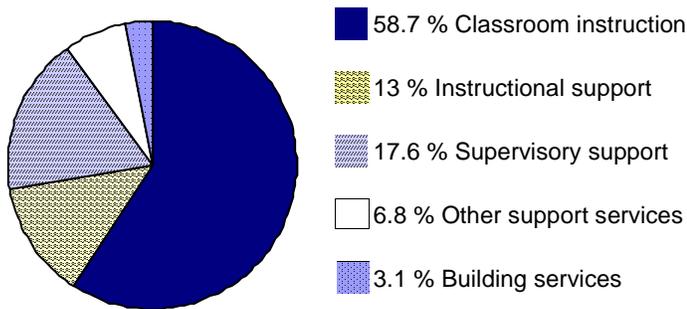
## SCHOOL EXPENDITURES

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

	2004	2005	2006
This school	\$10,801	\$9,810	N/A
Similar schools	\$10,506	\$10,531	N/A
City schools	\$11,861	\$12,102	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		79.0	82.7
Similar schools	79.9	80.1	79.6
City schools	77.9	76.9	77.2

\*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>	133	88.0	63.2	6.8	143	81.1	59.4	18.9
<b>Similar Schools</b>	539	83.5	65.7	12.2	679	80.1	59.8	11.6
<b>City Schools</b>	3726	76.5	59.7	12.5	4056	75.6	60.8	12.5
<b>MATH A</b>								
<b>This School</b>	141	96.5	75.9	15.6	118	87.3	68.6	9.3
<b>Similar Schools</b>	766	87.3	70.4	10.6	823	82.7	62.0	7.9
<b>City Schools</b>	5209	80.8	60.7	9.6	5963	82.9	63.2	12.4
<b>MATH B</b>								
<b>This School</b>	54	25.9	16.7	0.0	57	59.6	54.4	0.0
<b>Similar Schools</b>	111	38.7	29.7	0.0	150	56.7	46.0	6.0
<b>City Schools</b>	914	52.8	38.4	2.4	1161	56.4	45.5	5.2
<b>CHEMISTRY</b>								
<b>This School</b>	61	44.3	23.0	0.0	38	78.9	55.3	0.0
<b>Similar Schools</b>	233	60.1	36.1	2.6	217	46.1	27.2	3.2
<b>City Schools</b>	1510	66.3	44.5	3.0	1489	69.0	45.3	4.4
<b>LIVING ENVIRONMENT</b>								
<b>This School</b>	129	85.3	74.4	9.3	133	89.5	69.9	1.5
<b>Similar Schools</b>	577	78.9	61.4	4.5	778	79.2	56.6	3.2
<b>City Schools</b>	4635	73.0	55.4	5.6	4663	76.9	57.2	5.4
<b>GLOBAL HISTORY AND GEOGRAPHY</b>								
<b>This School</b>	222	83.8	59.0	13.5	132	78.0	56.1	18.2
<b>Similar Schools</b>	649	77.5	54.2	12.0	623	67.3	47.0	10.1
<b>City Schools</b>	4420	65.7	48.8	11.3	4802	63.1	44.9	11.6
<b>U.S. HISTORY AND GOVERNMENT</b>								
<b>This School</b>	120	85.0	68.3	36.7	235	73.6	53.2	17.4
<b>Similar Schools</b>	566	70.7	53.2	17.5	810	69.3	49.8	14.6
<b>City Schools</b>	3910	70.1	53.8	17.4	4663	73.0	55.9	17.5
<b>LANGUAGES OTHER THAN ENGLISH</b>								
<b>This School</b>	51	98.0	92.2	54.9	16	100.0	100.0	81.3
<b>Similar Schools</b>	159	93.7	88.7	55.3	187	97.9	95.7	62.6
<b>City Schools</b>	1570	96.2	93.2	56.8	1675	96.4	93.3	60.4

These data are based on all students, including General Education and Special Education students, regardless of services received. Students in this school were granted a variance by the State Education Department and were only required to take the english Regents.

# 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	228		
Percent taking SAT	38.6		

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

Average SAT Scores*			
	This School	Similar Schools	City Schools
SAT Section			
Verbal	416		
Mathematics	423		

## STUDENT PLANS AFTER GRADUATION

### Post-high school plans of the 2006 graduates\*

	This ** School	Similar Schools	City Schools
	Percent	Percent	Percent
4-Year college	60	54.4	47.9
2-Year college	15.8	17.4	11.5
Employment	5.8	4.5	2
Military services	0	0.2	0.5
Other	18.3	23.4	38.2

\*\* 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.