

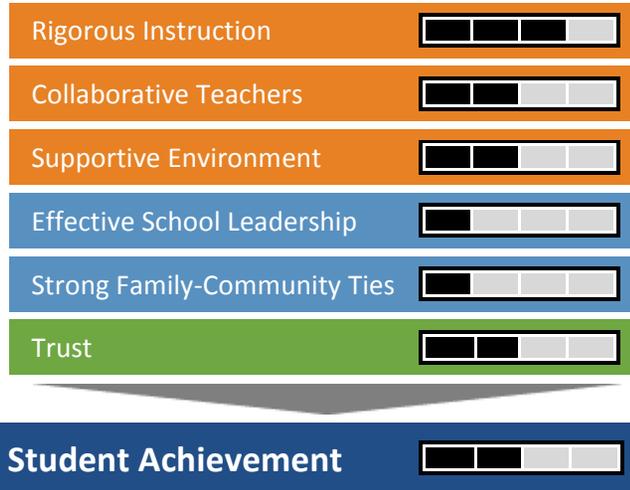
# 2014-15 School Quality Snapshot / MS

[www.lifesciencessecondaryschool.org](http://www.lifesciencessecondaryschool.org)

## Life Sciences Secondary School (02M655)

### Framework for Great Schools

Research shows that schools strong in the six areas are far more likely to improve student learning.



#### KEY:

Excellent      Good     Fair     Poor

### General Information

Principal: Fia Davis  
 Grades served: 06,07,08,09,10,11,12,SE  
 Enrollment: 697  
 Shared Space: No  
 Admissions methods: Screened



[320 East 96 Street](#)

Manhattan, NY 10128

212-348-1694

### Student Demographics

Asian: 1% | Black: 36% | Hispanic: 60% | White: 2%  
 English Language Learners: 6%  
 Student with Special Needs: 31%

### Staff Experience

Years of principal experience at this school: 0.5  
 % of teachers with 3 or more years of experience: 74%

### Attendance

Student Attendance: 90% | Students Chronically Absent: 30%  
 Teacher Attendance: 96%

### Activities and Sports

69% of students feel that this school offers a wide enough variety of programs, classes, and activities to keep them interested in school

### Extracurricular Activities

Yearbook club, Early Med-Doc, Model United Nations (UN), National Honor Society

### CHAMPS Sports

Boys: N/A

Girls: N/A

Co-Ed: N/A

### School Overview

Our students are exposed to medical professionals through our partnerships with Mount Sinai Hospital and the Center for Excellence in Youth Education. This early exposure provides our students with insights into the medical profession. Parents fully embrace that we have a concentration in the sciences. They also appreciate that their children have an opportunity to attend our high school, which continues our middle school curriculum.



**Student Achievement**

This section presents information on this school's state test results, including student growth and performance, how students performed in core courses, and how well students are prepared for high school.

**Growth on State Tests**

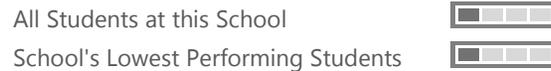
**English**

How well did this school help students improve on their State English tests?



**Math**

How well did this school help students improve on their State math tests?



**Closing the Achievement Gap**

How well did this school help different groups of students improve on their State English and math tests?



**Performance on State Tests**

**English**

**9%**

met State standards on the State English test; the average score at this school was 2.2 out of 4.5

City: 30%  
District: 59%  
Comparison Group\*: 12%

**Math**

**1%**

met State standards on the State math test; the average score at this school was 2.0 out of 4.5

City: 31%  
District: 62%  
Comparison Group\*: 10%

At this school, how did students from different starting points in 5th grade perform on state tests in 8th grade?

English			
Starting Point (5th grade level)	8th Grade Outcomes (on state ELA test)	City	
Level 3 or 4	N/A scored 3 or 4	70%	
Level 2	29% scored 3 or 4	28%	
Level 1	58% scored 2, 3, or 4	42%	

Math			
Starting Point (5th grade level)	8th Grade Outcomes (on state math test)	City	
Level 3 or 4	0% scored 3 or 4	57%	
Level 2	0% scored 3 or 4	14%	
Level 1	20% scored 2, 3, or 4	30%	

**Passing Courses**

**Core Courses**

**83%**

pass rate by this school's students in their math, English, social studies, and science classes

City: 92%  
District: 97%  
Comparison Group\*: 86%

**Next Level Readiness**

**94%**

of this school's former 8th graders earned enough high school credit in 9th grade to be on track for graduation

City: 87%  
District: 96%  
Comparison Group\*: 82%

**Which high schools did students from this school most frequently attend?**

- 24% Life Sciences Secondary School
- 8% Vanguard High School
- 5% Hudson High School Of Learning Technologies
- 5% Heritage School, The
- 3% Stephen T. Mather Building Arts & Craftsmanship High School

**KEY:**



\*Comparison Group is made up of students from other schools across the city who were the most similar to the students at this school, based on their incoming test scores, disability status, economic need, and over-age status. Comparing the school's result to the "comparison group" result provides insight on how well the school is helping its students in light of their starting points and the challenges that they face.

The section ratings are based on more information than what is included in this summary report. For more information, please see: <http://schools.nyc.gov/Accountability>



### <sup>1</sup> Quality Review

Ratings from an experienced educator who visited and evaluated the school on December 5-6, 2013

### <sup>2</sup> Survey Response Rates

Teachers: 62%  
Parents: 34%  
Students: 60%

### KEY:



## Rigorous Instruction



Curriculum and instruction are designed to engage students, foster critical thinking skills, and are aligned to the Common Core.

### Quality Review <sup>1</sup>

How interesting and challenging is the curriculum?



How effective is the teaching and learning?



How well does the school assess what students are learning?



### Survey <sup>2</sup>

**90%**

responded positively to questions about Rigorous Instruction

City: 86%  
District: 89%

### Selected Questions

81% of students say that they learn a lot from feedback on their work (City: 84%)

89% of students know what their teacher wants them to learn in class (City: 91%)

81% of teachers say that students build on each other's ideas during class discussions (City: 81%)

## Collaborative Teachers



Teachers participate in opportunities to develop, grow, and contribute to the continuous improvement of the school community.

### Quality Review

How well do teachers work with each other?



### Survey

**90%**

responded positively to questions about Collaborative Teachers

City: 87%  
District: 92%

### Selected Questions

87% of teachers say that they work together to design instructional programs (City: 89%)

83% of teachers say that they have opportunities to work productively with colleagues in their school (City: 85%)

94% of teachers say that they feel responsible that all students learn (City: 87%)

## Supportive Environment



The school establishes a culture where students feel safe, challenged to grow, and supported to meet high expectations.

### Quality Review

How clearly are high expectations communicated to students and staff?



### Survey

**77%**

responded positively to questions about Supportive Environment

City: 83%  
District: 87%

### Selected Questions

58% of students feel safe in the hallways, bathrooms, locker room, and cafeteria (City: 85%)

67% of students say that teachers notice when they are upset or having emotional difficulty (City: 72%)

79% of students say that the school provides useful information about the HS application and enrollment process (City: 84%)

### Less Restrictive Environment

Movement of students with special needs to less restrictive environments





## Effective School Leadership

School leadership inspires the school community with a clear instructional vision and effectively distributes leadership to realize this vision.

### Survey <sup>2</sup>

**67%**

responded positively to questions about Effective School Leadership

City: 82%  
District: 88%

### Selected Questions

- 65% of teachers say that the principal communicates a clear vision for this school (City: 87%)
- 79% of teachers say that curriculum and instruction are well coordinated across different grade levels (City: 79%)
- 75% of parents feel that the principal works to create a sense of community in the school (City: 90%)

## Strong Family-Community Ties

The school forms effective partnerships with families and outside organizations to improve the school.

### Survey

**65%**

responded positively to questions about Strong Family-Community Ties

City: 77%  
District: 81%

### Selected Questions

- 69% of parents say that school staff regularly communicate with them about how the staff can help their children learn (City: 88%)
- 79% of parents feel that teachers try to understand families' problems and concerns (City: 90%)
- 97% of teachers say that teachers at this school work closely with families to meet students' needs (City: 94%)

## Trust

Relationships between administrators, educators, students, and families are based on trust and respect.

### Survey

**81%**

responded positively to questions about Trust

City: 89%  
District: 93%

### Selected Questions

- 59% of teachers say that they trust the principal (City: 84%)
- 100% of teachers say that they trust each other (City: 87%)
- 74% of parents say that school staff work hard to build trusting relationships with them (City: 90%)
- 79% of students say that teachers treat them with respect (City: 84%)

## Additional Information

This report is intended to provide a useful summary of school information, but it does not cover everything.

To learn more, parents are encouraged to review additional resources, such as the School Directory, the School Quality Guide, the Quality Review, and the NYC School Survey, and to speak with members of the school community.

### <sup>2</sup> Survey Response Rates

Teachers: 62%  
Parents: 34%  
Students: 60%

## KEY:



For more information on this document: [#http://schools.nyc.gov/NR/rdonlyres/F75142FB-AC20-46B0-BFF3-B6F3B05B88A3/0/SnapshotFamilyGuideMS2015.pdf#](http://schools.nyc.gov/NR/rdonlyres/F75142FB-AC20-46B0-BFF3-B6F3B05B88A3/0/SnapshotFamilyGuideMS2015.pdf#)

School Quality Guide: [http://schools.nyc.gov/OA/SchoolReports/2014-15/School\\_Quality\\_Guide\\_2015\\_EMS\\_M655.pdf](http://schools.nyc.gov/OA/SchoolReports/2014-15/School_Quality_Guide_2015_EMS_M655.pdf)  
 Quality Review: [http://schools.nyc.gov/OA/SchoolReports/2013-14/Quality\\_Review\\_2014\\_M655.pdf](http://schools.nyc.gov/OA/SchoolReports/2013-14/Quality_Review_2014_M655.pdf)  
 NYC School Survey: [http://schools.nyc.gov/OA/SchoolReports//2014-15/Survey\\_2015\\_M655.pdf](http://schools.nyc.gov/OA/SchoolReports//2014-15/Survey_2015_M655.pdf)  
 NYC School Directory: <http://schools.nyc.gov/ChoicesEnrollment/Middle/Directory/school/?sid=7264>