

This Progress Report is for:

SCHOOL	The Math & Science Exploratory School (15K447)
PRINCIPAL	Mrs. Lisa Gioe-Cordi
ENROLLMENT	459
SCHOOL TYPE	MIDDLE SCHOOL
PEER INDEX	3.53

Progress Report Grade

A

What does this grade mean?

Schools are assigned letter grades based on their overall Progress Report score. Schools that get As and Bs are eligible for rewards. Schools that get Ds and Fs, or 3 Cs in a row, face consequences, including change in school leadership or school closure.

How did this school perform?

- This school's overall score for 2007-08 is 68.7
- This score places the School in the 77 percentile of all middle schools Citywide—i.e., 77 percent of those schools scored lower than this school
- This school met its 2007-08 target because it received an A two years in a row

Category	Calculated Score	Category Grade
School Environment	7.7 out of 15	B
Student Performance	21.2 out of 25	A
Student Progress	32.3 out of 60	B
Additional Credit	7.5 (15 max)	
Overall Score	68.7 out of 100	A

How scores translate to grades:

- Schools receive letter grades based on their overall score
- Schools with an overall score between 65.9–106 receive a letter grade of A
- 30% of schools earned an A in 2007-08

Middle School Table – Overall Grades

Grade	Score range	City summary
A	65.9–106	30% of schools
B	49.7–65.8	45% of schools
C	39–49.6	16% of schools
D	29.4–38.9	7% of schools
F	11.1–29.4	2% of schools

In This Report:

Each school's Progress Report (1) measures student year-to-year progress, (2) compares the school to peer schools and (3) rewards success in moving all children forward, especially children with the greatest needs. The Progress Report measures four areas:

School Environment uses parent, teacher and secondary student surveys and other data to measure necessary conditions for learning: attendance, academic expectations, communication, engagement and safety and respect.

Student Performance measures student skill levels in English Language Arts and Math.

Student Progress measures average student improvement from last year to this year in English Language Arts and Math.

Closing the Achievement Gap gives schools additional credit for exemplary gains among high-need students.

The back page provides specific information about how the school performed in each of these areas.

Quality Review Score

This school's 2007-08 Quality Review score is: Well Developed

To see this school's Quality Review report, find the school's Web site at <http://schools.nyc.gov/>, click 'Statistics' and scroll down to Quality Review Report.

State Accountability Status

Based on its 2006-07 performance, this school is: In Good Standing

This status is determined by the New York State Department of Education under the No Child Left Behind (NCLB) Act. It is separate from the school's Progress Report Grade.

Additional Information

Closing the Achievement Gap

Schools earn additional credit when their high-need students make exemplary gains. These gains are based on the percentage of high-need students who improve by at least one-half of a proficiency level in English Language Arts or Math (e.g., student improves from 2.25 to 2.75 in ELA, or 3.20 to 3.70 in Math). Schools earn additional credit for any one of the five high-need categories of students if the percentage of students in that category who achieve exemplary gains is in the top 40% of all schools citywide.

This component can only improve a school's Progress Report grade. It cannot lower a school's grade.

Credit	Exemplary Proficiency Gains	Student Group
		English Language Arts
	0.0%	English Language Learners
+0.75	31.4%	Special Education Students
+1.5	28.0%	Hispanic Students in the Lowest Third Citywide
+1.5	31.3%	Black Students in the Lowest Third Citywide
	-	Other Students in the Lowest Third Citywide
		Mathematics
	27.8%	English Language Learners
+0.75	37.3%	Special Education Students
+1.5	52.0%	Hispanic Students in the Lowest Third Citywide
+1.5	45.0%	Black Students in the Lowest Third Citywide
	-	Other Students in the Lowest Third Citywide

(-) indicates less than 15 students in this category

Peer Schools

Each school's performance is compared to the performance of schools in its peer group. Peer schools are those New York City public schools with a student population most like this school's population. Each school has up to 40 peer schools.

For Elementary and K-8 Schools, peer schools are determined based on the percentage of students at each school that are English Language Learners, Special Education, Black/Hispanic and Title I eligible.

For Middle Schools, peer schools are determined based on the average ELA and Math proficiency levels of the school's students before they entered Middle School.

The peer schools for The Math & Science Exploratory School are:

DBN	School Name	DBN	School Name
17K340	I.S. 340	19K452	Frederick Douglass Academy VIII Middle School
26Q172	Irwin Altman Middle School 172	31R007	I.S. 007 Elias Bernstein
02M407	Institute for Collaborative Education	24Q119	I.S. 119 The Glendale
30Q286	Young Women's Leadership School Astoria	03M245	M.S. M245 The Computer School
26Q158	M.S. 158 Marie Curie	02M104	J.H.S. 104 Simon Baruch
26Q216	J.H.S. 216 George J. Ryan	31R034	I.S. 034 Tottenville
03M054	J.H.S. 054 Booker T. Washington	14K318	J.H.S. 318 Eugenio Maria De Hostos
25Q025	I.S. 025 Adrien Block	31R075	I.S. 075 Frank D. Paulo
25Q194	J.H.S. 194 William Carr	03M862	Mott Hall II
25Q285	World Journalism Preparatory: A College Board School	28Q284	York Early College Academy
25Q252	Queens School of Inquiry The	05M499	Frederick Douglass Academy
28Q190	J.H.S. 190 Russell Sage	16K393	Frederick Douglass Academy IV Secondary School
30Q227	I.S. 227 Louis Armstrong	27Q262	Channel View School for Research
31R024	I.S. 024 Myra S. Barnes	32K554	All City Leadership Secondary School
02M260	M.S. 260 Clinton School Writers & Artists	25Q189	J.H.S. 189 Daniel Carter Beard
02M167	J.H.S. 167 Robert F. Wagner	10X141	Riverdale / Kingsbridge Academy (Middle School / High Sch
25Q281	East-West School of International Studies	25Q185	J.H.S. 185 Edward Bleeker
20K201	J.H.S. 201 The Dyker Heights	25Q237	I.S. 237
25Q294	Bell Academy	19K409	East New York Family Academy
02M413	School of the Future High School	04M610	Young Women's Leadership School

The Progress Report is a key component of Mayor Michael R. Bloomberg's and Chancellor Joel I. Klein's Children First reforms. The Progress Report is designed to assist administrators, principals and teachers in accelerating the learning of all students. The Progress Report also enables students, parents and the public to hold the NYC Department of Education and its schools accountable for student achievement and improvement and for ensuring a high quality education for every student in NYC's public schools. If you have any questions or comments about the Progress Report, please visit <http://schools.nyc.gov/Accountability/SchoolReports/ProgressReports/> or send us an email at pr_support@schools.nyc.gov.

Results by Category

SCHOOL The Math & Science Exploratory School
PRINCIPAL Mrs. Lisa Gioe-Cordi

HOW TO INTERPRET THIS CHART

A school is evaluated by asking how far its score in each category has moved along the range of scores for all schools. These charts show that movement as a percentage. In the example to the right, the school's score is 75% of the way from the lowest to the highest score in the City.

If a school performs at the top end of the range, the bar will be fully shaded. If a school performs at the low end of the range, the bar will not be shaded. If a school performs in the middle of the range, half the bar will be shaded.

Attendance
90%



In this example, the school's attendance is 90%. This is 75% of the way from the lowest attendance at any school (80%) to the highest attendance (100%).

Below, the green charts on the left compare the school to its peer group. The blue charts on the right compare the school to schools Citywide. Peer scores count three times as much as City scores. Peer and City ranges are based on the outcomes of schools from 2005-08.

School Environment

Comprises 15% of the Overall Score

This Year's Score:
0.515 x 15 = 7.7

B

Survey Scores (10 points)

Academic Expectations:

7.3

46.4%



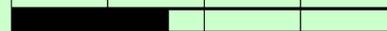
55.6%



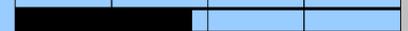
Communication:

6.2

41.4%



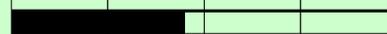
46.2%



Engagement:

6.5

45.5%



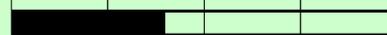
53.3%



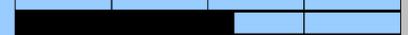
Safety and Respect:

7.1

40.7%



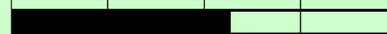
57.6%



Attendance (5 points)

95.0%

57.6%



77.9%



Number of students

Student Performance

Comprises 25% of the Overall Score

This Year's Score:
0.849 x 25 = 21.2

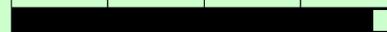
A

English Language Arts

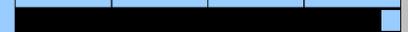
Percentage of Students at Proficiency (Level 3 or 4):

84.1%

94.5%



95.4%



454

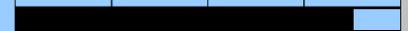
Median Student Proficiency (1.00-4.50):

3.35

83.8%



88.6%



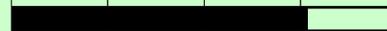
454

Mathematics

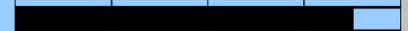
Percentage of Students at Proficiency (Level 3 or 4):

89.5%

77.2%



88.5%



455

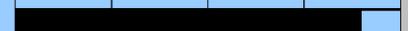
Median Student Proficiency (1.00-4.50):

3.78

76.3%



90.4%



455

Student Progress

Comprises 60% of the Overall Score

This Year's Score:
0.538 x 60 = 32.3

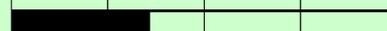
B

English Language Arts

Percentage of Students Making at Least 1 Year of Progress

48.9%

36.6%



26.0%



451

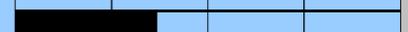
Percentage of Students in School's Lowest 1/3 Students Making at Least 1 Year of Progress

73.5%

48.2%



37.7%



170

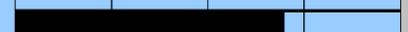
Average Change in Student Proficiency for Level 1 and Level 2 Students

0.28

57.7%



70.0%

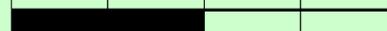


87

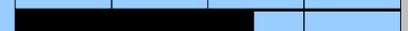
Average Change in Student Proficiency for Level 3 and Level 4 Students

(0.09)

50.0%



62.1%



364

Mathematics

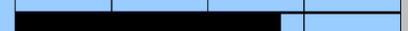
Percentage of Students Making at Least 1 Year of Progress

68.0%

62.7%



69.4%



454

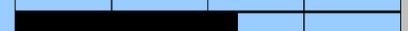
Percentage of Students in School's Lowest 1/3 Students Making at Least 1 Year of Progress

71.0%

60.2%



58.6%

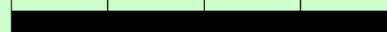


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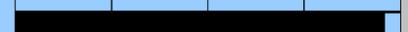
Average Change in Student Proficiency for Level 1 and Level 2 Students

0.54

104.8%



96.5%

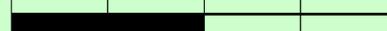


64

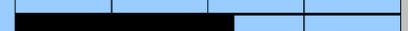
Average Change in Student Proficiency for Level 3 and Level 4 Students

(0.03)

50.0%



57.1%



390