Department of Education

Progress Report 2008-09

MIDDLE

This Progress Report is for:

SCHOOL	**I.S. X318 Math, Science & Technology Through Arts (12X318)**
PRINCIPAL	**Maria Lopez**
ENROLLMENT	**360**
SCHOOL TYPE	**MIDDLE**
PEER INDEX	**2.91**

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 2008-09 is 80
- This score places the School in the 49 percentile of all Middle schools Citywide–i.e., 49 percent of those schools scored lower than this school

Category	Calculated Score	Category Grade
School Environment	**8.0** out of 15	**C**
Student Performance	**22.8** out of 25	**A**
Student Progress	**42.4** out of 60	**A**
Additional Credit	**6.8** (15 max)	
Overall Score	**80.0** out of 100	**A**

How scores translate to grades:

- Schools receive letter grades based on their overall score
- Schools with an overall score between 68.0-100 receive a letter grade of A
- 78% of schools earned an A in 2008-09

Middle School Table – Overall Grades

Grade	Score range	City summary
A	68.0-100	77.6% of schools
B	54-67.9	18.5% of schools
C	43.0-53.9	3.0% of schools
D	33.0-42.9	0.9% of schools
F	0-32.9	0% 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 2008-09 Quality Review score is:
Proficient
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 2008-09 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).

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
	11.4%	English Language Learners
+0.75	31.3%	Special Education Students
	23.1%	Hispanic Students in the Lowest Third Citywide
+1.5	30.8%	Black Students in the Lowest Third Citywide
	-	Other Students in the Lowest Third Citywide
		Mathematics
+0.75	33.3%	English Language Learners
+1.5	42.2%	Special Education Students
+0.75	34.5%	Hispanic Students in the Lowest Third Citywide
+1.5	45.2%	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 I.S. X318 Math, Science & Technology Through Arts are:

DBN	School Name	DBN	School Name
12X270	Academy for Scholarship and Entrepreneurship: A College	17K353	Elijah Stroud Middle School
03M247	M.S. M247 Dual Language Middle School	03M256	M.S. 256 Academic & Athletic Excellence
10X206	I.S. 206 Ann Mersereau	16K584	M.S. 584
20K223	J.H.S. 223 The Montauk	12X217	School of Performing Arts
07X221	South Bronx Preparatory: A College Board School	15K442	New Horizons School
08X367	Archimedes Academy for Math Science and Technology A	84M353	New Heights Academy Charter School
05M344	Academy of Collaborative Education	06M143	J.H.S. 143 Eleanor Roosevelt
18K068	I.S. 068 Isaac Bildersee	12X267	Bronx Latin
08X376	Antonia Pantoja Preparatory Academy A College Board Sc	18K211	I.S. 211 John Wilson
01M509	Marta Valle Secondary School	12X286	Fannie Lou Hamer Middle School
11X142	J.H.S. 142 John Philip Sousa	09X117	I.S. 117 Joseph H. Wade
10X243	West Bronx Academy for the Future	10X399	M.S. 399
32K347	I.S. 347 School of Humanities	14K330	Urban Assembly School for the Urban Environment
09X166	J.H.S. 166 Roberto Clemente	06M218	I.S. 218 Salome Urena
01M332	University Neighborhood Middle School	06M346	Community Health Academy of the Heights
08X366	Urban Assembly Academy of Civic Engagement	12X098	J.H.S. 098 Herman Ridder
11X370	School of Diplomacy	13K596	Knowledge and Power Preparatory Academy VII Middle Sch
13K336	Academy of Business and Community Development	14K050	J.H.S. 050 John D. Wells
12X341	Accion Academy	12X190	I.S. 190
12X271	East Bronx Academy for the Future	27Q053	I.S. 053 Brian Piccolo

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 **I.S. X318 Math, Science & Technology Through Arts**
PRINCIPAL **Maria Lopez**

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

		0% Min	25%	50%	75%	100% Max
Attendance 95%	**75.0%**	80.0%				100.0%

In this example, the school's attendance is 95%. 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: **8 out of 15**

C

	Your School's Score	Your School Relative to Peer Horizon:	Peer Min	Peer Max	Your School Relative to City Horizon:	City Min	City Max	Number of students
Survey Scores (10 points)								
Academic Expectations:	7.3	**60.9%**	5.9	8.2	**55.6%**	5.8	8.5	
Communication:	6.7	**65.2%**	5.2	7.5	**65.4%**	5.0	7.6	
Engagement:	6.8	**69.6%**	5.2	7.5	**63.3%**	4.9	7.9	
Safety and Respect:	7.1	**66.7%**	5.3	8.0	**57.6%**	5.2	8.5	
Attendance (5 points)	88.2%	**33.7%**	85.4%	93.7%	**26.0%**	84.8%	97.9%	

Student Performance

Comprises 25% of the Overall Score

This Year's Score: **22.8 out of 25**

A

	Your School's Score	Your School Relative to Peer Horizon:	Peer Min	Peer Max	Your School Relative to City Horizon:	City Min	City Max	Number of students
English Language Arts								
Percentage of Students at Proficiency (Level 3 or 4):	52.2%	**132.5%**	15.9%	43.3%	**58.1%**	2.6%	88.0%	345
Median Student Proficiency (1.00-4.50):	3.00	**106.4%**	2.50	2.97	**57.9%**	2.34	3.48	345
Mathematics								
Percentage of Students at Proficiency (Level 3 or 4):	59.9%	**86.9%**	14.3%	66.8%	**56.2%**	8.5%	100.0%	342
Median Student Proficiency (1.00-4.50):	3.14	**84.4%**	2.22	3.31	**56.1%**	2.09	3.96	342

Student Progress

Comprises 60% of the Overall Score

This Year's Score: **42.4 out of 60**

A

	Your School's Score	Your School Relative to Peer Horizon:	Peer Min	Peer Max	Your School Relative to City Horizon:	City Min	City Max	Number of students
English Language Arts								
Percentage of Students Making at Least 1 Year of Progress	64.3%	**73.6%**	42.8%	72.0%	**76.6%**	41.0%	71.4%	351
Percentage of Students in School's Lowest 1/3 Students Making at Least 1 Year of Progress	86.0%	**70.9%**	65.5%	94.4%	**77.0%**	61.5%	93.3%	107
Average Change in Student Proficiency for Level 1 and Level 2 Students	0.25	**76.0%**	0.06	0.31	**60.0%**	0.07	0.37	192
Average Change in Student Proficiency for Level 3 and Level 4 Students	(0.05)	**88.5%**	(0.28)	(0.02)	**75.9%**	(0.27)	0.02	159
Mathematics								
Percentage of Students Making at Least 1 Year of Progress	60.8%	**63.3%**	33.9%	76.4%	**54.1%**	35.5%	82.3%	350
Percentage of Students in School's Lowest 1/3 Students Making at Least 1 Year of Progress	70.3%	**62.3%**	44.2%	86.1%	**57.1%**	44.5%	89.7%	111
Average Change in Student Proficiency for Level 1 and Level 2 Students	0.38	**80.4%**	0.01	0.47	**68.4%**	(0.01)	0.56	147
Average Change in Student Proficiency for Level 3 and Level 4 Students	(0.02)	**67.4%**	(0.33)	0.13	**59.2%**	(0.31)	0.18	203