Department of Education

Progress Report 2009-10

ELEMENTARY

This Progress Report is for:

SCHOOL	**School of Science & Technology (22K152)**
PRINCIPAL	**Dr. Rhonda D. Farkas**
ENROLLMENT	**825**
SCHOOL TYPE	**ELEMENTARY**
PEER INDEX	**53.19**

Progress Report Grade

C

What does this grade mean?

Schools are assigned letter grades based on their overall Progress Report score. Monetary bonuses may be given to principals and teachers at high-scoring schools. Schools that get Ds and Fs, or 3 Cs in a row, may face consequences, including change in school leadership or school closure.

How did this school perform?

- This school's overall score for 2009-10 is 35.8
- This school did better than 29% of all Elementary schools citywide.

Category	Calculated Score	Category Grade
School Environment	**10.6** out of 15	A
Student Performance	**7.1** out of 25	C
Student Progress	**16.6** out of 60	D
Additional Credit	**1.5** (15 max)	
Overall Score	**35.8** out of 100	C

How scores translate to grades:

- Schools receive letter grades based on their overall score.
- Schools with an overall score between 29.1 - 40.6 receive a letter grade of C
- 36% of schools earned a C in 2009-10

Elementary Table – Overall Grades

Grade	Score range	City summary
A	58.5 or higher	25.2% of schools
B	40.7 - 58.4	34.8% of schools
C	29.1 - 40.6	36% of schools
D	19.1 - 29.0	3.7% of schools
F	19.0 or lower	0.3% of schools

In light of changes in State tests and Progress Report methodology, schools cannot drop more than two letter grades from last year to this year. Further, schools with top quartile performance in ELA and Math cannot receive a grade lower than C.

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 median 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 second page provides specific information about how

Quality Review Score
This school's most recent Quality Review score is:
Well Developed (2007-08)
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 performance, this school's State accountability status is:
In Good Standing (2009-10)
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 are in the 75th growth percentile or higher in English Language Arts or Math. Schools can also earn additional credit when their students with disabilities meet the goal of proficiency in English Language Arts or Math.

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

Credit	Exemplary Proficiency Gains	Student Group
		Percent at Proficiency
	0.0%	Self-Contained (ELA)
	-	CTT (ELA)
	-	SETSS (ELA)
	8.7%	Self-Contained (Math)
	-	CTT (Math)
	-	SETSS (Math)
		Percent at 75th Growth Percentile or Higher
	-	English Language Learners (ELA)
	45.8%	Lowest Third Citywide (ELA)
+1.5	77.8%	Self-Contained/CTT/SETSS (ELA)
	33.3%	English Language Learners (Math)
	21.2%	Lowest Third Citywide (Math)
	11.1%	Self-Contained/CTT/SETSS (Math)

(-) 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, students with disabilities, Black/Hispanic students and Title I eligible students. 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, and the school 's percentage of students with disabilities.

The peer schools for School of Science & Technology are:

DBN	School Name	DBN	School Name
27Q223	P.S. 223 Lyndon B. Johnson	29Q015	P.S. 015 Jackie Robinson
11X178	P.S. 178 - Dr. Selman Waksman	28Q082	P.S. 082 Hammond
84M351	Harlem Success Academy 1 Charter School	28Q030	P.S. 030 Queens
11X160	P.S. 160 Walt Disney	18K114	P.S. 114 Ryder Elementary
84K740	Brooklyn Scholars Charter School	27Q097	P.S. 097 Forest Park
22K134	P.S. K134	84M705	Amber Charter School
29Q036	P.S. 036 Saint Albans School	18K208	P.S. 208 Elsa Ebeling
30Q151	P.S. 151 Mary D. Carter	15K131	P.S. 131 Brooklyn
22K198	P.S. 198 Brooklyn	11X105	P.S. 105 Sen Abraham Bernstein
13K009	P.S. 009 Teunis G. Bergen	28Q048	P.S. 048 William Wordsworth
27Q123	P.S. 123	30Q112	P.S. 112 Dutch Kills
18K115	P.S. 115 Daniel Mucatel School	11X076	P.S. 076 The Bennington School
84M341	Harlem Children's Zone/Promise Academy II	30Q171	P.S. 171 Peter G. Van Alst
31R019	P.S. 019 The Curtis School	08X036	P.S. 036 Unionport
29Q136	P.S. 136 Roy Wilkins	18K276	P.S. 276 Louis Marshall
01M134	P.S. 134 Henrietta Szold	22K315	P.S. K315
84K358	Achievement First East New York School	84M702	Sisulu-Walker Charter School
84X346	South Bronx Classical Charter School	30Q148	P.S. 148 Queens
29Q181	P.S. 181 Brookfield	20K506	P.S. 506: The School of Journalism & Technology
27Q045	P.S. 045 Clarence Witherspoon	84X309	South Bronx Charter School For Int'L Culture & The Arts
22K152	School of Science & Technology		

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/tools/report/default.htm, or send us an email at pr_support@schools.nyc.gov

Results by Category

SCHOOL **School of Science & Technology (22K152)**
PRINCIPAL **Dr. Rhonda D. Farkas**

ELEMENTARY

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

Engagement 9.0 **75.0%**

In this example, the school's engagement score is 9.0. This is 75% of the way from the lowest engagement at any school (6.0) to the highest engagement (10.0).

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 2008-09 and 2009-10.

School Environment

Comprises 15% of the Overall Score

This Year's Score: **10.6 out of 15**

A

	Your School's Score	Your School Relative to Peer Horizon: (0% Peer Min – 100% Peer Max)		Your School Relative to City Horizon: (0% City Min – 100% City Max)		Number of students
Survey Scores (10 points)						
Academic Expectations:	8.2	**68.4%**	6.9 – 8.8	**57.1%**	7.0 – 9.1	
Communication:	7.8	**78.3%**	6.0 – 8.3	**65.4%**	6.1 – 8.7	
Engagement:	7.9	**76.0%**	6.0 – 8.5	**63.0%**	6.2 – 8.9	
Safety and Respect:	8.5	**75.0%**	7.0 – 9.0	**63.6%**	7.1 – 9.3	
Attendance (5 points)	94.7%	**69.6%**	91.5% – 96.1%	**64.0%**	89.9% – 97.4%	

Student Performance

Comprises 25% of the Overall Score

This Year's Score: **7.1 out of 25**

C

	Your School's Score	Your School Relative to Peer Horizon: (0% Peer Min – 100% Peer Max)		Your School Relative to City Horizon: (0% City Min – 100% City Max)		Number of students
English Language Arts						
Percentage of Students at Proficiency (Level 3 or 4):	44.5%	**32.4%**	20.6% – 94.3%	**31.9%**	18.6% – 99.9%	393
Median Student Proficiency (1.00-4.50):	2.84	**31.3%**	2.54 – 3.50	**32.8%**	2.44 – 3.66	393
Mathematics						
Percentage of Students at Proficiency (Level 3 or 4):	55.5%	**18.2%**	45.6% – 100.0%	**16.4%**	46.8% – 100.0%	407
Median Student Proficiency (1.00-4.50):	3.13	**32.6%**	2.66 – 4.10	**31.7%**	2.60 – 4.27	407

Student Progress

Comprises 60% of the Overall Score

This Year's Score: **16.6 out of 60**

D

	Your School's Score	Your School Relative to Peer Horizon: (0% Peer Min – 100% Peer Max)		Your School Relative to City Horizon: (0% City Min – 100% City Max)		Number of students
English Language Arts						
Median Growth Percentile	70.0	**66.6%**	49.1 – 80.5	**54.7%**	52.1 – 84.8	234
Median Growth Percentile for School's Lowest Third	67.0	**37.5%**	54.7 – 87.5	**31.3%**	56.0 – 91.1	86
Mathematics						
Median Growth Percentile	48.0	**8.7%**	44.4 – 85.6	**8.1%**	44.3 – 89.7	239
Median Growth Percentile for School's Lowest Third	49.0	**2.1%**	48.2 – 86.6	**3.6%**	47.5 – 89.7	87

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