

Brooklyn Arts and Science Elementary School			
PRINCIPAL: Sandra Beauvoir Soto			
DBN: 17K705			
ENROLLMENT: 139			
SCHOOL TYPE: K-3			
PERCENTILES AND GRADES FOR PREVIOUS YEARS			
KEY DEMOGRAPHIC INDICATORS			
%BLACK OR HISPANIC	%ELL	%IEP	ECONOMIC NEED INDEX
90.6%	12.2%	26.6%	0.80

PROGRESS REPORT			
NA	OVERALL SCORE	out of	OVERALL RANK
	NA	70	NA
This school's overall score was higher than out of 44 Early Childhood schools.			
For early childhood, the percent of schools receiving top grades was set in advance. Schools in their first year, in phase out, or which have fewer than 25 students with progress results receive a report with no grade or score.			
Progress Report Grades - Early Childhood			
GRADE	SCORE RANGE	% OF SCHOOLS	
A	or higher	30% of schools	
B	-	43% of schools	
C	-	22% of schools	
D	-	3% of schools	
F	or lower	3% of schools	

Overview Each school's Progress Report (1) measures the 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.

CATEGORY	SCORE	GRADE	DESCRIPTION
Student Progress	out of 30		Student Progress measures the results of students on 2013 3rd grade state tests in English and Math, with extra weight given to students who scored higher than expected.
Student Performance	out of 25		Student Performance measures the results of students on 2013 3rd grade state tests in English and Math.
School Environment	out of 15		School Environment measures student attendance and a survey of the school community rating academic expectations, safety and respect, communication, and engagement.
Closing the Achievement Gap	out of 15		Schools receive additional credit for exceptional gains by students with disabilities, English Language Learners, and black and Hispanic male students.
Overall Score	out of 70		The overall grade is based on the total of all scores above. Category scores may not add up to total score because of rounding.

*During the 2012-13 school year, New York City public schools were affected by Hurricane Sandy. Adjustments have been made to attendance rates for all schools.

Progress Report Implications

Strong Progress Report results are the basis for recognition and potential rewards for school leaders, and poor results are an important factor in determining whether schools require intensive support or intervention. For more information, see:

<http://schools.nyc.gov/community/planning/Support+and+Intervention.htm>

<http://schools.nyc.gov/ProgressReport>

State Accountability

The school's current status: **In Good Standing**

This designation is determined by the New York State Department of Education under the Elementary and Secondary Education Act (ESEA) Flexibility Waiver. More information on New York State accountability can be found here:

<http://schools.nyc.gov/Accountability/tools/accountability/default.htm>

GRADE Student Progress accounts for 30 of the total 70 points. The grade is based on the results of students who attended the school on the 2013 3rd grade state tests in English and Math, and evaluates the extent to which the early childhood school helped students exceed their expected performance.

GRADE	SCORE RANGE
A	or higher
B	
C	
D	
F	or lower

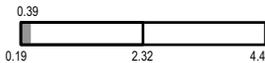
(out of 30)

	THIS SCHOOL'S RESULTS	COMPARISON TO PEER SCHOOLS (WEIGHTED 75%)	PERCENT OF PEER RANGE	COMPARISON TO CITY SCHOOLS (WEIGHTED 25%)	PERCENT OF CITY RANGE	POINTS POSSIBLE	POINTS EARNED
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English

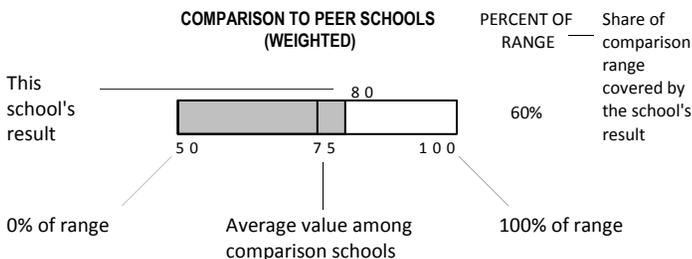
Early Grade Progress Measure (n=26)	0.52		5.0%		2.7%	.	.
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Mathematics

Early Grade Progress Measure (n=28)	0.39		4.8%		4.7%	.	.
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How To Interpret These Charts

To determine the number of points earned, this school's 2012-13 results on each metric are compared to the results of third graders at peer schools and all third graders citywide. The comparison to peer schools is worth 75% of the points for each metric and the comparison to all third graders citywide is worth 25% of the points. The bars represent the range of results for the peer and city comparison schools that are within two standard deviations of the average. The percent of the range that is shaded is the school's share of possible points. The share is multiplied by the weight (75% or 25%) and the possible points for the metric to determine the points earned.



Score Calculation Example

FORMULA ($\frac{\text{PERCENT OF PEER RANGE}}{100} \times 0.75 + \frac{\text{PERCENT OF CITY RANGE}}{100} \times 0.25$) X POINTS POSSIBLE = POINTS EARNED

EXAMPLE ($60\% \times 0.75 + 80\% \times 0.25$) X 3.75 = 2.44

GRADE	GRADE	SCORE RANGE	Student Performance accounts for 25 of the total 70 points. The Student Performance grade is based on results on the 2013 state tests in English and Math. The section evaluates the percent of third grade students who reach or exceed proficiency (Level 3 and 4).					POINTS POSSIBLE	POINTS EARNED
	A	or higher							
	B								
	C								
	D								
SCORE	F	or lower	THIS SCHOOL'S RESULTS	COMPARISON TO PEER SCHOOLS (WEIGHTED 75%)	PERCENT OF PEER RANGE	COMPARISON TO CITY SCHOOLS (WEIGHTED 25%)	PERCENT OF CITY RANGE		

English

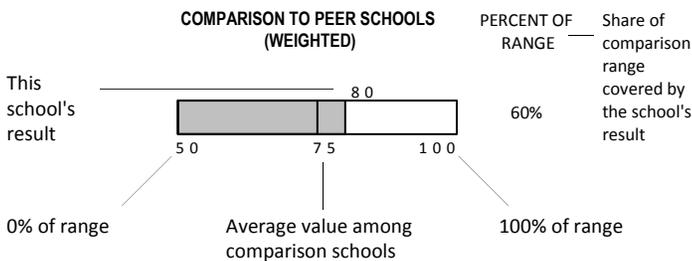
Percentage of Students at Level 3 or 4 (n=26)	0.0%		0.0%		0.0%	.	.
Average Student Proficiency (n=26)	1.90		1.7%		8.1%	.	.

Mathematics

Percentage of Students at Level 3 or 4 (n=28)	0.0%		0.0%		0.0%	.	.
Average Student Proficiency (n=28)	1.87		0.0%		4.5%	.	.

How To Interpret These Charts

To determine the number of points earned, this school's 2012-13 results on each metric are compared to the results of third graders at peer schools and all third graders citywide. The comparison to peer schools is worth 75% of the points for each metric and the comparison to all third graders citywide is worth 25% of the points. The bars represent the range of results for the peer and city comparison schools that are within two standard deviations of the average. The percent of the range that is shaded is the school's share of possible points. The share is multiplied by the weight (75% or 25%) and the possible points for the metric to determine the points earned.



Score Calculation Example

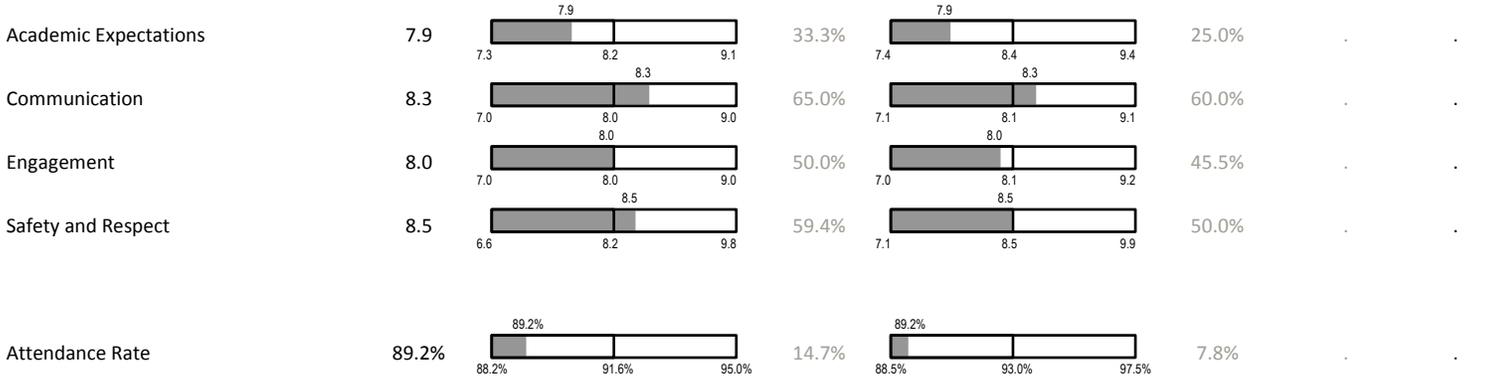
FORMULA ($\frac{\text{PERCENT OF PEER RANGE}}{100} \times 0.75 + \frac{\text{PERCENT OF CITY RANGE}}{100} \times 0.25$) X POINTS POSSIBLE = POINTS EARNED

EXAMPLE ($60 \times 0.75 + 80 \times 0.25$) X 3.75 = 2.44

GRADE	GRADE	SCORE RANGE	School Environment accounts for 15 of the total 70 points. The School Environment grade is based on student attendance and results of the NYC School Survey, on which parents and teachers rate academic expectations, safety and respect, communication, and engagement.
	A	or higher	
B			
C			
D			
SCORE	(out of 15)	F or lower	

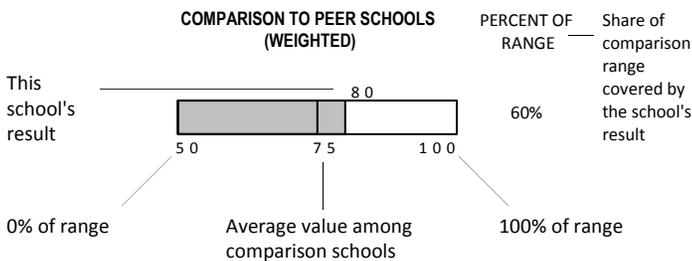
THIS SCHOOL'S RESULTS	COMPARISON TO PEER SCHOOLS (WEIGHTED 75%)	PERCENT OF PEER RANGE	COMPARISON TO CITY SCHOOLS (WEIGHTED 25%)	PERCENT OF CITY RANGE	POINTS POSSIBLE	POINTS EARNED
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School Survey Results



How To Interpret These Charts

To determine the number of points earned, this school's 2012-13 results on each metric are compared to the results of third graders at peer schools and all third graders citywide. The comparison to peer schools is worth 75% of the points for each metric and the comparison to all third graders citywide is worth 25% of the points. The bars represent the range of results for the peer and city comparison schools that are within two standard deviations of the average. The percent of the range that is shaded is the school's share of possible points. The share is multiplied by the weight (75% or 25%) and the possible points for the metric to determine the points earned.



Score Calculation Example

FORMULA ($\frac{\text{PERCENT OF PEER RANGE}}{100} \times 0.75 + \frac{\text{PERCENT OF CITY RANGE}}{100} \times 0.25$) X POINTS POSSIBLE = POINTS EARNED

EXAMPLE ($60\% \times 0.75 + 80\% \times 0.25$) X 3.75 = 2.44

Schools receive additional credit for exceptional gains by students with disabilities, English Language Learners, and black and Hispanic male students.

CATEGORY	THIS SCHOOL'S RESULTS	POPULATION PERCENTAGE	FIXED POINT VALUE	POINTS POSSIBLE	POINTS EARNED
Early Grade Progress					
English					
English Language Learners (n=3)	.	.	0.005		
Self-Contained/ICT/SETSS (n=7)	0.34	26.9%	0.017		
Black/Hispanic Male Students (n=18)	0.40	69.2%	0.006		
Mathematics					
English Language Learners (n=5)	0.00	17.9%	0.004		
Self-Contained/ICT/SETSS (n=7)	0.00	25.0%	0.009		
Black/Hispanic Male Students (n=18)	0.47	64.3%	0.004		
Movement from SC/ICT/SETSS to Less Restrictive Environments (n=17)	0.18	12.2%	0.199		
English Language Learner Progress (n=16)	81.3%	11.6%	0.040		

TOTAL POINTS

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, according to the Peer Index. Each school has up to 40 peer schools. An early childhood school's peer group can include elementary, K-8, and early childhood schools, though only the third grade test results are included in the metrics.

PEER GROUP CALCULATION

Peer groupings are created using a "nearest neighbor" matching methodology. This methodology examines the mathematical difference between a school and all potential peers on a given set of characteristics. Schools with the smallest difference across all the characteristics are peered together.

PEER GROUP FOR: **Brooklyn Arts and Science Elementary School**

DBN	SCHOOL	ECONOMIC NEED INDEX	%IEP	%BLACK OR HISPANIC	%ELL
17K705	Brooklyn Arts and Science Elementary School	0.80	26.6%	90.6%	12.2%
01M063	The Star Academy - P.S. 63	0.70	26.9%	82.7%	5.8%
01M140	P.S. 140 Nathan Straus	0.92	26.6%	88.5%	17.3%
01M142	P.S. 142 Amalia Castro	0.95	30.0%	88.7%	10.5%
03M149	P.S. 149 Sojourner Truth	0.99	24.6%	84.0%	6.9%
04M102	P.S. 102 Jacques Cartier	0.88	32.1%	90.7%	15.5%
04M206	P.S. 206 Jose Celso Barbosa	0.84	32.1%	85.7%	15.5%
05M036	P.S. 036 Margaret Douglas	0.84	21.7%	97.4%	14.6%
05M125	P.S. 125 Ralph Bunche	0.92	31.0%	89.7%	16.4%
05M133	P.S. 133 Fred R Moore	1.00	27.5%	90.6%	8.1%
05M154	P.S. 154 Harriet Tubman	0.95	25.4%	95.3%	19.2%
05M200	P.S. 200 - The James Mccune Smith School	0.97	23.7%	95.6%	17.7%
08X093	P.S. 093 Albert G. Oliver	0.74	25.1%	96.6%	10.8%
08X100	P.S. 100 Isaac Clason	0.83	21.7%	96.6%	5.9%
09X110	P.S. 110 Theodore Schoenfeld	0.96	23.1%	96.4%	12.1%
10X037	P.S. X037 - Multiple Intelligence School	0.85	24.8%	97.0%	16.2%
11X111	P.S. 111 Seton Falls	0.85	22.9%	97.2%	8.2%
12X050	P.S. 050 Clara Barton	0.88	21.7%	97.5%	15.2%
12X061	P.S. 061 Francisco Oller	0.88	26.8%	99.6%	7.4%
12X691	Bronx Little School	0.83	23.8%	87.9%	10.8%
13K307	P.S. 307 Daniel Hale William S.	0.89	28.0%	91.4%	2.6%
14K016	P.S. 016 Leonard Dunkly	0.82	22.9%	96.3%	10.6%
14K017	P.S. 017 Henry D. Woodworth	0.74	30.7%	89.6%	17.9%
14K196	P.S. 196 Ten Eyck	0.88	24.0%	98.0%	12.5%
14K257	P.S. 257 John F. Hylan	0.86	25.6%	96.8%	15.7%
17K375	P.S. 375 Jackie Robinson School	0.93	25.4%	94.9%	19.2%
19K213	P.S. 213 New Lots	0.93	22.8%	94.8%	6.2%
21K288	P.S. 288 The Shirley Tanyhill	1.01	24.1%	88.0%	13.3%
22K109	P.S. 109	0.98	25.6%	95.5%	13.1%
22K194	P.S. 194 Raoul Wallenberg	0.83	23.9%	75.0%	10.4%
22K251	P.S. 251 Paerdegat	0.74	21.4%	92.1%	6.6%
23K165	P.S. 165 Ida Posner	0.87	22.9%	97.2%	4.4%
23K284	P.S. 284 Lew Wallace	0.99	22.8%	95.9%	10.2%
24Q081	P.S. 81q Jean Paul Richter	0.78	21.4%	89.7%	16.7%
25Q201	P.S. 201 The Discovery School for Inquiry and Research	0.72	22.2%	76.5%	11.3%
31R014	P.S. 014 Cornelius Vanderbilt	0.92	22.5%	86.5%	9.0%
31R018	P.S. 018 John G. Whittier	0.87	29.8%	87.8%	7.9%
31R021	P.S. 21 Margaret Emery-elm Park	0.76	30.8%	85.6%	20.5%
31R044	P.S. 044 Thomas C. Brown	0.91	29.0%	95.4%	9.6%
32K151	P.S. 151 Lyndon B. Johnson	0.95	24.4%	95.9%	19.0%
32K377	P.S. 377 Alejandrina B. De Gautier	0.81	26.4%	97.6%	15.6%
PEER GROUP AVERAGES		0.87	25.5%	91.9%	12.2%