

2014-15 School Quality Guide / ES

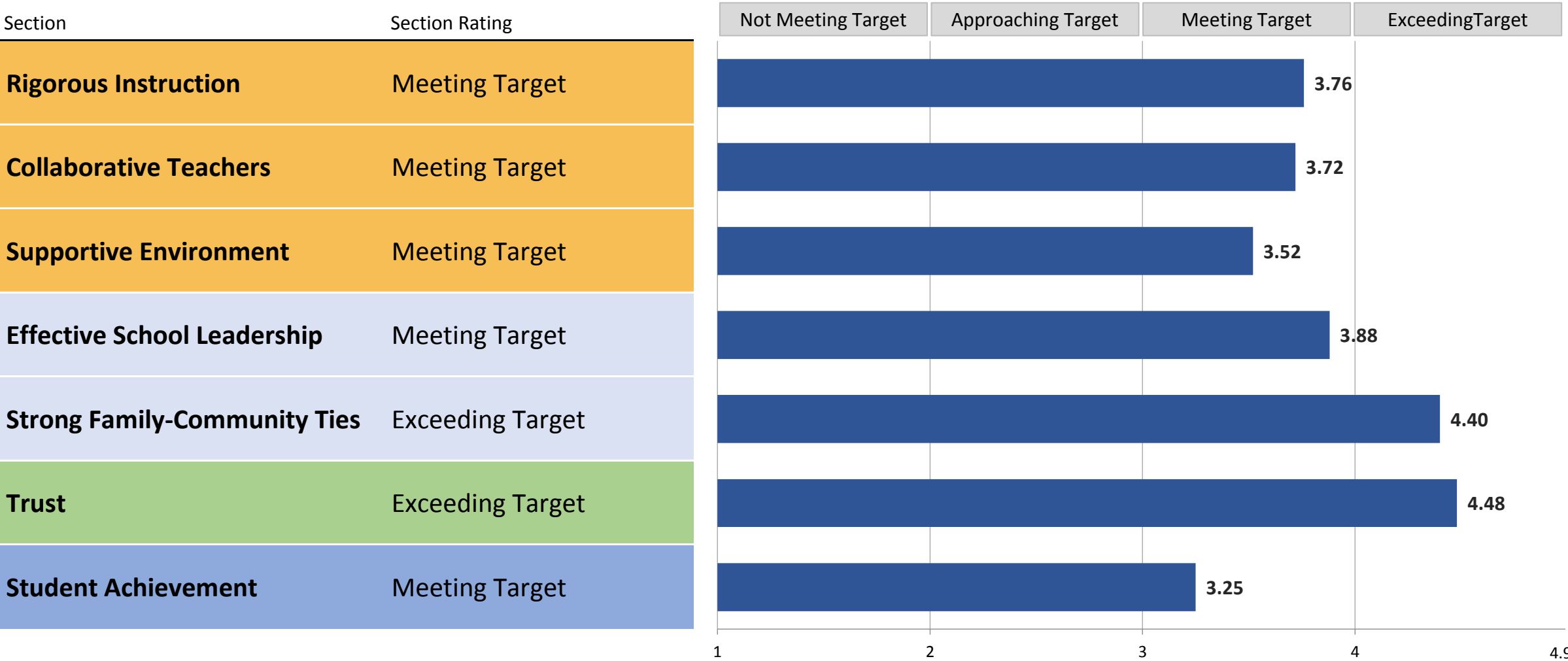
Summary of Section Ratings

17K705

Brooklyn Arts and Science Elementary School

Framework for Great Schools

The Framework consists of six elements—Rigorous Instruction, Collaborative Teachers, Supportive Environment, Effective School Leadership, Strong Family-Community Ties, and Trust—that drive Student Achievement. The School Quality Guide shares ratings and data on each of the Framework elements, based on information from Quality Reviews, the NYC School Survey, student attendance, and movement of students with disabilities to less restrictive environments. The School Quality Guide also shares ratings and data on Student Achievement based on a variety of quantitative measures of student growth and performance.



State Accountability Status: Good Standing

This designation is determined by the New York State Department of Education. More information on New York State accountability can be found at: <http://schools.nyc.gov/Accountability/tools/accountability/default.htm>

Note

In addition, an online version of the 2014-15 School Quality Guide, with additional features, can be found at <http://schoolqualityreports.nyc>

Student Enrollment

Grade	2012 - 2013	2013 - 2014	2014 - 2015
Kindergarten	51	74	75
Grade 1	34	50	66
Grade 2	26	37	42
Grade 3	28	28	31
Grade 4	-	25	29
Grade 5	-	-	25
All students	175	268	340

Student Demographics

	2012 - 2013	2013 - 2014	2014 - 2015
% English Language Learners	12%	13%	10%
% Free Lunch Eligible	79%	79%	74%
% Student with IEPs	27%	26%	34%
% Student with IEPs (less than 20% time)	15%	12%	11%
% HRA Eligible	-	62%	54%
% Temporary Housing	-	14%	11%
% Asian	7%	7%	4%
% Black	61%	57%	58%
% Hispanic	29%	28%	28%
% White	2%	8%	9%
% Other	0%	0%	1%

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Student Achievement Scoring Appendix

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Student Achievement Rating	Student Achievement Score
Meeting Target	3.25

Student Achievement Metrics	2014-15 Targets								
	n	2014-15 School Value	Bottom of Target Range	Approaching Target	Meeting Target	Exceeding Target	Top of Target Range	Metric Score	Weight Pct
State Test Results - ELA									
Average Student Proficiency	80	2.19	1.97	2.17	2.31	2.46	2.73	2.14	10.00%
Percentage of Students at Level 3 or 4	80	15.0%	2.2%	11.2%	17.4%	24.5%	36.3%	2.61	10.00%
Median Adjusted Growth Percentile	47	77.0	46.0	55.0	62.8	68.3	81.3	4.67	10.00%
Median Adjusted Growth Percentile - School's Lowest Third	20	83.0	58.6	67.5	75.3	80.7	93.7	4.18	10.00%
Early Grade Progress	29	1.38	0.46	1.06	1.59	1.96	2.89	2.60	10.00%
State Test Results - Math									
Average Student Proficiency	80	2.24	1.89	2.19	2.40	2.64	3.02	2.24	10.00%
Percentage of Students at Level 3 or 4	80	18.8%	0.0%	12.6%	21.7%	32.1%	47.7%	2.68	10.00%
Median Adjusted Growth Percentile	48	65.0	42.2	52.2	60.7	66.7	81.0	3.72	10.00%
Median Adjusted Growth Percentile - School's Lowest Third	20	66.5	55.9	65.0	72.7	78.2	91.1	2.19	10.00%
Early Grade Progress	29	2.01	0.02	1.07	1.98	2.62	4.17	3.05	10.00%
MS Adjusted Core Course Pass Rate of Former Students			72.0%	80.0%	85.6%	92.0%	100.0%		0.00%
Weighted Average Score								3.01	

Closing the Achievement Gap (CtAG) Metrics	n	2014-15 School Population %	Population % of Range	2014-15 School Value	Bottom of Target Range	2014-15 Targets			Top of Target Range	Metric Score	Extra Points Possible	Extra Points Earned
						Approaching Target	Meeting Target	Exceeding Target				
ELA - Percent at Level 3 or 4												
Self-Contained	18	22.5%	100.0%	5.6%	0.0%	1.1%	1.9%	2.7%	4.6%	4.99	0.030	0.030
Integrated Co-Teaching	7	8.8%	44.7%	0.0%	0.0%	3.7%	6.5%	9.3%	15.8%	1.00	0.030	0.000
SETSS	9	11.3%	100.0%	0.0%	0.0%	3.5%	6.2%	8.9%	15.0%	1.00	0.030	0.000
Math - Percent at Level 3 or 4												
Self-Contained	17	21.3%	100.0%	5.9%	0.0%	2.9%	5.2%	7.4%	12.6%	3.32	0.030	0.017
Integrated Co-Teaching	7	8.8%	44.9%	0.0%	0.0%	7.2%	12.9%	18.4%	31.2%	1.00	0.030	0.000
SETSS	9	11.3%	100.0%	11.1%	0.0%	6.6%	11.7%	16.8%	28.4%	2.88	0.030	0.014
ELA - Percent at 75th+ Growth Percentile												
ELL	6	12.8%	27.4%	66.7%	12.7%	26.0%	36.3%	46.4%	69.9%	4.86	0.030	0.029
Lowest Third Citywide	31	66.0%	96.4%	58.1%	28.0%	38.8%	47.1%	55.4%	74.4%	4.14	0.030	0.024
Black and Hispanic Males in Lowest Third Citywide	22	46.8%	100.0%	59.1%	23.6%	36.2%	45.9%	55.6%	77.8%	4.16	0.030	0.024
SC/ICT/SETSS	19	40.4%	100.0%	63.2%	22.0%	34.9%	44.8%	54.7%	77.4%	4.37	0.030	0.025
Math - Percent at 75th+ Growth Percentile												
ELL	7	14.6%	30.0%	42.9%	7.8%	22.3%	33.5%	44.6%	70.2%	3.85	0.030	0.021
Lowest Third Citywide	30	62.5%	85.9%	50.0%	19.1%	32.5%	42.8%	53.1%	76.7%	3.70	0.030	0.020
Black and Hispanic Males in Lowest Third Citywide	18	37.5%	97.7%	61.1%	14.4%	29.5%	41.2%	52.8%	79.4%	4.31	0.030	0.025
SC/ICT/SETSS	18	37.5%	97.4%	33.3%	15.4%	29.5%	40.4%	51.3%	76.2%	2.35	0.030	0.010
ELL Progress	23	8.6%	21.8%	39.1%	31.6%	44.8%	55.1%	65.2%	88.6%		0.030	0.000
CtAG Additional Points											0.24	
Overall Student Achievement Score											3.25	

- Filled circle indicates a metric rating of Exceeding Target (and a metric score of 4.00 or higher).
- Empty circle indicates a metric rating of Not Meeting Target (and a metric score of 1.99 or lower).

	Metric Value	Metric Score	Weight Pct
Rigorous Instruction			
Quality Review 1.1	Well Developed	4.99	22%
Quality Review 1.2	Proficient	3.40	22%
Quality Review 2.2	Proficient	3.40	22%
NYC School Survey - Rigorous Instruction	90%	3.40	34%
Section Rating: Meeting Target	Section Score:	3.76	

Collaborative Teachers			
Quality Review 4.2	Proficient	3.40	50%
NYC School Survey - Collaborative Teachers	92%	4.00	50%
Section Rating: Meeting Target	Section Score:	3.72	

Supportive Environment			
Quality Review 3.4	Well Developed	4.99	30%
NYC School Survey - Supportive Environment	91%	3.52	35%
Percentage of students with 90%+ attendance			
EMS	65.1%	2.20	
HS			
Overall	65.1%	2.20	30%
Movement of students with disabilities to less restrictive environments			
EMS	0.21	2.64	
HS			
Overall	0.21	2.64	5%
Section Rating: Meeting Target	Section Score:	3.52	

Effective School Leadership			
NYC School Survey - Effective School Leadership	86%	3.88	100%
Section Rating: Meeting Target	Section Score:	3.88	

Strong Family-Community Ties			
NYC School Survey - Strong Family-Community Ties	92%	4.40	100%
Section Rating: Exceeding Target	Section Score:	4.40	

Trust			
NYC School Survey - Trust	97%	4.48	100%
Section Rating: Exceeding Target	Section Score:	4.48	

2014-15 School Quality Reports
Framework Elements - Survey Scoring Appendix

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		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Rigorous Instruction							
Common Core shifts in literacy	Teachers	92	86.4	94.8	100.0	0.50	3.00
• Common Core shifts in math	Teachers	100	83.3	93.1	100.0	1.00	4.99
Course clarity	Students		84.3	92.7	100.0		
Quality of student discussion	Teachers	78	68.7	85.3	100.0	0.29	2.16
Section Results:		90%					3.40
Collaborative Teachers							
Cultural awareness:							
Cultural awareness	Teachers	93	85.4	95.0	100.0	0.50	
Cultural awareness	Parents	98	90.5	94.9	99.3	0.85	
Cultural awareness	Students		68.6	87.4	100.0		
Cultural awareness	Combined	95				0.68	3.72
• Inclusive classroom instruction	Teachers	99	84.2	94.6	100.0	0.91	4.64
Quality of professional development	Teachers	73	51.4	77.4	100.0	0.44	2.76
• School commitment	Teachers	93	59.9	85.3	100.0	0.82	4.28
• Innovation	Teachers	94	70.3	86.7	100.0	0.81	4.24
• Reflective dialogue	Teachers	97	87.9	95.9	100.0	0.75	4.00
• Peer collaboration	Teachers	99	77.6	92.2	100.0	0.93	4.72
• Focus on student learning	Teachers	95	68.2	89.0	100.0	0.85	4.40
Collective responsibility	Teachers	86	65.7	84.7	100.0	0.59	3.36
Section Results:		92%					4.00
Supportive Environment							
Safety:							
Safety	Teachers	97	80.0	94.6	100.0	0.85	
Safety	Students		74.5	88.5	100.0		
• Safety	Combined	97				0.85	4.40
Classroom behavior:							
Classroom behavior	Teachers	83	66.9	85.5	100.0	0.49	
Classroom behavior	Students		67.3	84.3	100.0		
Classroom behavior	Combined	83				0.49	2.96
• Social-emotional measure	Teachers	98	89.0	96.6	100.0	0.78	4.12
Peer interactions	Students		68.2	84.8	100.0		
Next-level guidance	Students						
Press toward academic achievement:							
Press toward academic achievement	Teachers	88	75.0	88.8	100.0	0.51	
Press toward academic achievement	Students		85.3	91.9	98.5		
Press toward academic achievement	Combined	88				0.51	3.04
Personal attention and support	Students		77.8	89.6	100.0		
Peer support for academic work:							
Peer support for academic work	Teachers	88	76.5	91.5	100.0	0.48	
Peer support for academic work	Parents	94	88.4	94.8	100.0	0.51	
Peer support for academic work	Students		50.4	73.8	97.2		
Peer support for academic work	Combined	91				0.50	3.00
Section Results:		91%					3.52

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Effective School Leadership							
• Inclusive principal leadership	Parents	96	79.3	90.9	100.0	0.79	4.16
Teacher influence	Teachers	69	28.8	60.8	92.8	0.63	3.52
Program coherence	Teachers	85	60.0	85.2	100.0	0.63	3.52
• Principal instructional leadership	Teachers	94	61.6	87.0	100.0	0.83	4.32
Section Results:		86%					3.88
Strong Family Community Ties							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	99	84.5	94.5	100.0	0.96	
Teacher outreach to parents	Parents	97	86.0	92.6	99.2	0.80	
• Teacher outreach to parents	Combined	98				0.88	4.52
• Parent involvement in the schools	Parents	86	62.4	76.6	90.8	0.82	4.28
Section Results:		92%					4.40
Trust							
• Parent-teacher trust	Parents	98	90.9	95.3	99.7	0.81	4.24
• Parent-principal trust	Parents	96	82.7	93.3	100.0	0.79	4.16
Student-teacher trust	Students		64.6	85.2	100.0		
• Teacher-principal trust	Teachers	94	56.4	85.0	100.0	0.86	4.44
• Teacher-teacher trust	Teachers	100	74.1	90.5	100.0	1.00	4.99
Section Results:		97%					4.48

2014-15 School Quality Reports / ES Targets for 2015-16

17K705

Brooklyn Arts and Science Elementary School

These tables show the values needed in 2015-16 for the school to achieve a rating of Exceeding Target, Meeting Target, Approaching Target, or Not Meeting Target on each metric.

Student Achievement Metrics	2014-15 School Value	2015-16 Targets			
		Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target
State Test Results - ELA*					
Average Student Proficiency	2.19	2.19 or lower	2.20 to 2.29	2.30 to 2.37	2.38 or higher
Average Student Proficiency - School's Lowest Third	1.88	1.79 or lower	1.80 to 1.89	1.90 to 1.99	2.00 or higher
Percentage of Students at Level 3 or 4	15.0%	13.0% or lower	13.1% to 18.5%	18.6% to 22.6%	22.7% or higher
State Test Results - Math*					
Average Student Proficiency	2.24	2.31 or lower	2.32 to 2.47	2.48 to 2.58	2.59 or higher
Average Student Proficiency - School's Lowest Third	1.80	1.79 or lower	1.80 to 1.91	1.92 to 2.04	2.05 or higher
Percentage of Students at Level 3 or 4	18.8%	19.2% or lower	19.3% to 26.5%	26.6% to 32.0%	32.1% or higher
MS Adjusted Core Course Pass Rate of Former Students		83.1% or lower	83.2% to 87.4%	87.5% to 90.6%	90.7% or higher

Closing the Achievement Gap Metrics*	2014-15 School Value	2015-16 Targets			
		Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target
ELA - Average Proficiency Rating					
Self-Contained	1.92	1.76 or lower	1.77 to 1.85	1.86 to 1.91	1.92 or higher
Integrated Co-Teaching	1.80	1.85 or lower	1.86 to 1.95	1.96 to 2.04	2.05 or higher
SETSS	1.87	1.82 or lower	1.83 to 1.95	1.96 to 2.04	2.05 or higher
ELL	2.25	1.98 or lower	1.99 to 2.11	2.12 to 2.22	2.23 or higher
Lowest Third Citywide	1.94	1.84 or lower	1.85 to 1.90	1.91 to 1.99	2.00 or higher
Black and Hispanic Males in Lowest Third Citywide	1.90	1.79 or lower	1.80 to 1.89	1.90 to 1.99	2.00 or higher
Math - Average Proficiency Rating					
Self-Contained	1.84	1.81 or lower	1.82 to 1.95	1.96 to 2.06	2.07 or higher
Integrated Co-Teaching	1.85	1.97 or lower	1.98 to 2.14	2.15 to 2.27	2.28 or higher
SETSS	2.02	1.85 or lower	1.86 to 2.02	2.03 to 2.16	2.17 or higher
ELL	2.32	2.14 or lower	2.15 to 2.33	2.34 to 2.48	2.49 or higher
Lowest Third Citywide	1.91	1.83 or lower	1.84 to 1.91	1.92 to 1.99	2.00 or higher
Black and Hispanic Males in Lowest Third Citywide	1.90	1.79 or lower	1.80 to 1.89	1.90 to 1.99	2.00 or higher
ELL Progress	39.1%	42.5% or lower	42.6% to 52.5%	52.6% to 60.1%	60.2% or higher

*To earn additional points from the Closing the Achievement Gap section on the 2015-16 School Quality Reports, the school must meet the targets below and have a population percentage (of the relevant high-need group) that is not more than one standard deviation below the citywide average.

Supportive Environment Metrics	2014-15 School Value	2015-16 Targets			
		Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target
Percentage of Students with 90%+ Attendance	65.1%	66.1% or lower	66.2% to 72.9%	73.0% to 78.1%	78.2% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.21	0.12 or lower	0.13 to 0.20	0.21 to 0.26	0.27 or higher