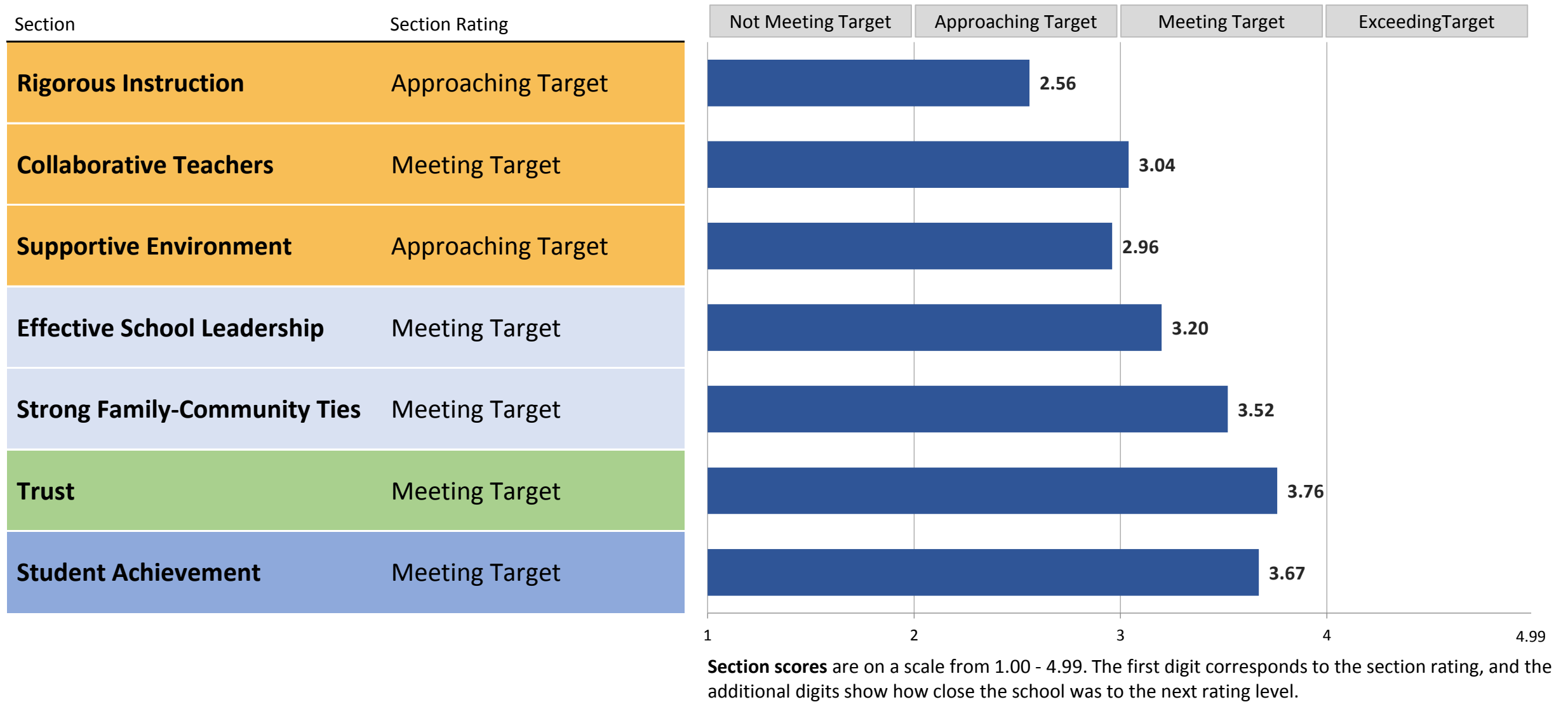


Framework for Great Schools

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
Grade 6	61	59	53
Grade 7	61	60	67
Grade 8	56	48	58
All students	178	167	178

Student Demographics

	2012 - 2013	2013 - 2014	2014 - 2015
% English Language Learners	10%	7%	6%
% Free Lunch Eligible	77%	77%	77%
% Student with IEPs	17%	16%	16%
% Student with IEPs (less than 20% time)	14%	10%	9%
% HRA Eligible	-	70%	70%
% Temporary Housing	-	17%	16%
% Asian	5%	8%	8%
% Black	28%	28%	33%
% Hispanic	67%	65%	59%
% White	1%	0%	1%
% Other	0%	0%	0%
Average Incoming ELA Proficiency	2.78	2.41	2.44
Average Incoming Math Proficiency	3.21	2.63	2.66

2014-15 School Quality Guide / MS
Student Achievement Scoring Appendix

09X413
Bronx High School for Medical Science

Student Achievement Rating	Student Achievement Score
Meeting Target	3.67

Student Achievement Metrics	n	2014-15 School Value	Bottom of Target Range	2014-15 Targets			Top of Target Range	Metric Score	Weight Pct
				Approaching Target	Meeting Target	Exceeding Target			
State Test Results - ELA									
● Average Student Proficiency	175	2.57	2.02	2.25	2.37	2.51	2.75	4.25	9.80%
● Percentage of Students at Level 3 or 4	175	29.7%	3.7%	11.4%	16.7%	22.7%	30.8%	4.86	9.80%
● Median Adjusted Growth Percentile	173	69.0	49.1	54.2	61.5	66.4	75.2	4.30	9.80%
Median Adjusted Growth Percentile - School's Lowest Third	63	78.0	62.9	67.9	75.1	79.8	88.4	3.62	9.80%
State Test Results - Math									
● Average Student Proficiency	175	2.53	1.80	2.15	2.40	2.68	3.03	3.46	9.80%
● Percentage of Students at Level 3 or 4	175	26.3%	0.0%	11.3%	19.7%	29.1%	40.1%	3.70	9.80%
○ Median Adjusted Growth Percentile	173	48.0	40.7	48.3	59.5	66.9	80.0	1.96	9.80%
Median Adjusted Growth Percentile - School's Lowest Third	62	64.0	56.5	62.8	71.9	77.9	88.7	2.13	9.80%
Core Course Pass Rates									
● ELA	174	84.5%	66.7%	76.2%	83.2%	91.0%	100.0%	3.17	1.96%
● Math	174	83.9%	66.3%	75.9%	83.0%	90.9%	100.0%	3.11	1.96%
● Science	174	80.5%	69.1%	77.9%	84.4%	91.7%	100.0%	2.40	1.96%
● Social Studies	174	86.8%	65.0%	74.9%	82.3%	90.6%	100.0%	3.54	1.96%
● Percent of 8th Graders Earning HS Credit	57	43.9%	0.0%	14.7%	25.6%	37.8%	51.7%	4.44	3.92%
9th Grade Adjusted Credit Accumulation of Former 8th Graders	44	88.0%	61.0%	72.0%	80.0%	90.0%	100.0%	3.80	9.80%
								Weighted Average Score	3.56

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	10.3%	53.4%	0.0%	0.0%	0.4%	0.8%	1.3%	2.2%	1.00	0.030	0.000
○ Integrated Co-Teaching	2	1.1%	6.0%	0.0%	0.0%	1.6%	3.2%	5.1%	8.4%	1.00	0.030	0.000
○ SETSS	8	4.6%	49.5%	0.0%	0.0%	2.6%	5.2%	8.2%	13.6%	1.00	0.030	0.000
Math - Percent at Level 3 or 4												
○ Self-Contained	18	10.3%	54.5%	0.0%	0.0%	0.7%	1.4%	2.3%	3.8%	1.00	0.030	0.000
○ Integrated Co-Teaching	2	1.1%	6.1%	0.0%	0.0%	2.4%	4.8%	7.6%	12.6%	1.00	0.030	0.000
○ SETSS	8	4.6%	50.0%	0.0%	0.0%	3.3%	6.6%	10.4%	17.2%	1.00	0.030	0.000
ELA - Percent at 75th+ Growth Percentile												
● ELL	24	13.9%	31.1%	41.7%	17.2%	27.0%	36.6%	47.8%	68.0%	3.46	0.030	0.018
● Lowest Third Citywide	55	31.8%	38.7%	49.1%	31.5%	39.4%	47.2%	56.3%	72.7%	3.21	0.030	0.017
● Black and Hispanic Males in Lowest Third Citywide	28	16.2%	36.2%	46.4%	29.6%	38.0%	46.2%	55.9%	73.2%	3.02	0.030	0.015
● SC/ICT/SETSS	28	16.2%	32.8%	50.0%	35.0%	42.9%	50.8%	60.0%	76.4%	2.90	0.030	0.014
Math - Percent at 75th+ Growth Percentile												
● ELL	24	13.9%	28.7%	33.3%	12.4%	22.8%	33.0%	45.0%	66.4%	3.03	0.030	0.015
● Lowest Third Citywide	50	28.9%	35.2%	36.0%	24.4%	34.1%	43.7%	54.9%	75.0%	2.20	0.030	0.009
● Black and Hispanic Males in Lowest Third Citywide	26	15.0%	33.7%	34.6%	24.1%	34.0%	43.7%	55.1%	75.5%	2.06	0.030	0.008
● SC/ICT/SETSS	28	16.2%	33.8%	39.3%	25.8%	34.5%	43.0%	53.1%	71.0%	2.56	0.030	0.012
● ELL Progress	10	5.6%	15.5%	20.0%	11.3%	22.8%	34.2%	47.5%	71.3%	2.56	0.030	0.000
											CtAG Additional Points	0.11
											Overall Student Achievement Score	3.67

- 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	Developing	2.00	22%
Quality Review 1.2	Developing	2.00	22%
Quality Review 2.2	Developing	2.00	22%
NYC School Survey - Rigorous Instruction	90%	3.60	34%
Section Rating: Approaching Target	Section Score:	2.56	

Collaborative Teachers			
Quality Review 4.2	Developing	2.00	50%
NYC School Survey - Collaborative Teachers	92%	4.04	50%
Section Rating: Meeting Target	Section Score:	3.04	

Supportive Environment			
Quality Review 3.4	Developing	2.00	30%
NYC School Survey - Supportive Environment	82%	2.96	35%
Percentage of students with 90%+ attendance			
EMS	88.8%	4.16	
HS	77.6%	3.44	
Overall	83.2%	3.80	30%
Movement of students with disabilities to less restrictive environments			
EMS	0.38	3.20	
HS	0.62	3.70	
Overall	0.50	3.45	5%
Section Rating: Approaching Target	Section Score:	2.96	

Effective School Leadership			
NYC School Survey - Effective School Leadership	81%	3.20	100%
Section Rating: Meeting Target	Section Score:	3.20	

Strong Family-Community Ties			
NYC School Survey - Strong Family-Community Ties	81%	3.52	100%
Section Rating: Meeting Target	Section Score:	3.52	

Trust			
NYC School Survey - Trust	91%	3.76	100%
Section Rating: Meeting Target	Section Score:	3.76	

		Survey % Positive	City Range			Percent of Range	Score	
			Bottom of Range	City Avg	Top of Range			
Rigorous Instruction								
•	Common Core shifts in literacy	Teachers	97	78.0	90.2	100.0	0.88	4.52
	Common Core shifts in math	Teachers	92	73.4	86.8	100.0	0.70	3.80
	Course clarity	Students	87	79.8	87.6	95.4	0.44	2.76
	Quality of student discussion	Teachers	82	58.6	79.2	99.8	0.57	3.28
Section Results:			90%					3.60
Collaborative Teachers								
Cultural awareness:								
	Cultural awareness	Teachers	96	85.7	94.3	100.0	0.75	
	Cultural awareness	Parents	91	85.4	92.4	99.4	0.50	
	Cultural awareness	Students	81	69.5	80.9	92.3	0.49	
	Cultural awareness	Combined	89				0.58	3.32
•	Inclusive classroom instruction	Teachers	96	81.4	92.4	100.0	0.80	4.20
	Quality of professional development	Teachers	83	45.8	75.2	100.0	0.68	3.72
•	School commitment	Teachers	95	60.1	85.3	100.0	0.88	4.52
	Innovation	Teachers	89	63.0	84.2	100.0	0.71	3.84
•	Reflective dialogue	Teachers	96	85.6	95.2	100.0	0.75	4.00
•	Peer collaboration	Teachers	96	72.0	89.8	100.0	0.87	4.48
•	Focus on student learning	Teachers	95	64.0	86.6	100.0	0.86	4.44
	Collective responsibility	Teachers	87	54.5	80.5	100.0	0.70	3.80
Section Results:			92%					4.04
Supportive Environment								
Safety:								
	Safety	Teachers						
	Safety	Students	81	69.7	83.1	96.5	0.40	
	Safety	Combined	81				0.40	2.60
Classroom behavior:								
	Classroom behavior	Teachers						
	Classroom behavior	Students	77	67.0	80.4	93.8	0.37	
	Classroom behavior	Combined	77				0.37	2.48
•	Social-emotional measure	Teachers	100	86.5	95.3	100.0	1.00	4.99
	Peer interactions	Students	76	63.1	76.5	89.9	0.48	2.92
	Next-level guidance	Students	82	72.1	83.3	94.5	0.43	2.72
Press toward academic achievement:								
	Press toward academic achievement	Teachers						
	Press toward academic achievement	Students	86	80.3	87.9	95.5	0.36	
	Press toward academic achievement	Combined	86				0.36	2.44
	Personal attention and support	Students	81	73.6	83.0	92.4	0.38	2.52
Peer support for academic work:								
	Peer support for academic work	Teachers						
	Peer support for academic work	Parents	91	72.8	86.8	100.0	0.65	
	Peer support for academic work	Students	55	45.3	61.7	78.1	0.28	
	Peer support for academic work	Combined	73				0.47	2.88
Section Results:			82%					2.96

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Effective School Leadership							
○ Inclusive principal leadership	Parents	68	76.7	88.9	100.0	0.00	1.00
○ Teacher influence	Teachers	68	44.5	71.1	97.7	0.45	2.80
● Program coherence	Teachers	96	52.0	80.8	100.0	0.92	4.68
● Principal instructional leadership	Teachers	92	56.6	85.0	100.0	0.82	4.28
Section Results:		81%					3.20
Strong Family Community Ties							
Teacher outreach to parents:							
○ Teacher outreach to parents	Teachers	92	77.3	90.9	100.0	0.65	
○ Teacher outreach to parents	Parents	84	76.9	88.1	99.3	0.31	
○ Teacher outreach to parents	Combined	88				0.48	2.92
● Parent involvement in the schools	Parents	74	48.2	65.0	81.8	0.77	4.08
Section Results:		81%					3.52
Trust							
○ Parent-teacher trust	Parents	90	86.5	93.3	100.0	0.50	3.00
● Parent-principal trust	Parents	96	84.5	93.1	100.0	0.75	4.00
○ Student-teacher trust	Students	80	69.1	79.9	90.7	0.50	3.00
● Teacher-principal trust	Teachers	95	56.9	85.9	100.0	0.89	4.56
● Teacher-teacher trust	Teachers	96	74.0	90.8	100.0	0.83	4.32
Section Results:		91%					3.76

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

09X413

Bronx High School for Medical Science

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	2.57	2.35 or lower	2.36 to 2.42	2.43 to 2.48	2.49 or higher
Average Student Proficiency - School's Lowest Third	2.09	1.94 or lower	1.95 to 2.03	2.04 to 2.10	2.11 or higher
Percentage of Students at Level 3 or 4	29.7%	16.1% or lower	16.2% to 19.8%	19.9% to 22.8%	22.9% or higher
State Test Results - Math*					
Average Student Proficiency	2.53	2.35 or lower	2.36 to 2.48	2.49 to 2.58	2.59 or higher
Average Student Proficiency - School's Lowest Third	1.97	1.90 or lower	1.91 to 2.02	2.03 to 2.12	2.13 or higher
Percentage of Students at Level 3 or 4	26.3%	17.0% or lower	17.1% to 22.8%	22.9% to 27.5%	27.6% or higher
Core Course Pass Rates					
ELA	84.5%	78.9% or lower	79.0% to 83.8%	83.9% to 87.9%	88.0% or higher
Math	83.9%	80.0% or lower	80.1% to 84.6%	84.7% to 88.5%	88.6% or higher
Science	80.5%	82.5% or lower	82.6% to 86.6%	86.7% to 89.9%	90.0% or higher
Social Studies	86.8%	77.4% or lower	77.5% to 82.7%	82.8% to 87.0%	87.1% or higher
Percent of 8th Graders Earning HS Credit	43.9%	16.1% or lower	16.2% to 25.2%	25.3% to 32.7%	32.8% or higher
9th Grade Adjusted Credit Accumulation of Former 8th Graders	88.0%	77.9% or lower	78.0% to 81.9%	82.0% to 85.9%	86.0% 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	1.91	1.81 or lower	1.82 to 1.88	1.89 to 1.93	1.94 or higher
Integrated Co-Teaching		2.06 or lower	2.07 to 2.13	2.14 to 2.20	2.21 or higher
SETSS	2.17	2.07 or lower	2.08 to 2.18	2.19 to 2.27	2.28 or higher
ELL	2.20	2.02 or lower	2.03 to 2.13	2.14 to 2.23	2.24 or higher
Lowest Third Citywide	2.05	1.94 or lower	1.95 to 1.98	1.99 to 2.02	2.03 or higher
Black and Hispanic Males in Lowest Third Citywide	2.02	1.90 or lower	1.91 to 1.95	1.96 to 1.99	2.00 or higher
Math - Average Proficiency Rating					
Self-Contained	1.86	1.77 or lower	1.78 to 1.86	1.87 to 1.92	1.93 or higher
Integrated Co-Teaching		2.03 or lower	2.04 to 2.15	2.16 to 2.25	2.26 or higher
SETSS	1.99	2.04 or lower	2.05 to 2.20	2.21 to 2.32	2.33 or higher
ELL	2.21	2.07 or lower	2.08 to 2.23	2.24 to 2.36	2.37 or higher
Lowest Third Citywide	1.86	1.88 or lower	1.89 to 1.96	1.97 to 2.02	2.03 or higher
Black and Hispanic Males in Lowest Third Citywide	1.88	1.87 or lower	1.88 to 1.93	1.94 to 1.99	2.00 or higher
ELL Progress	20.0%	25.8% or lower	25.9% to 35.6%	35.7% to 43.6%	43.7% 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	88.8%	69.1% or lower	69.2% to 75.0%	75.1% to 79.8%	79.9% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.38	0.27 or lower	0.28 to 0.43	0.44 to 0.56	0.57 or higher

* If the participation in state tests is low, the targets may be adjusted to reflect the students at the school that actually take the tests.