Summary of Section Ratings

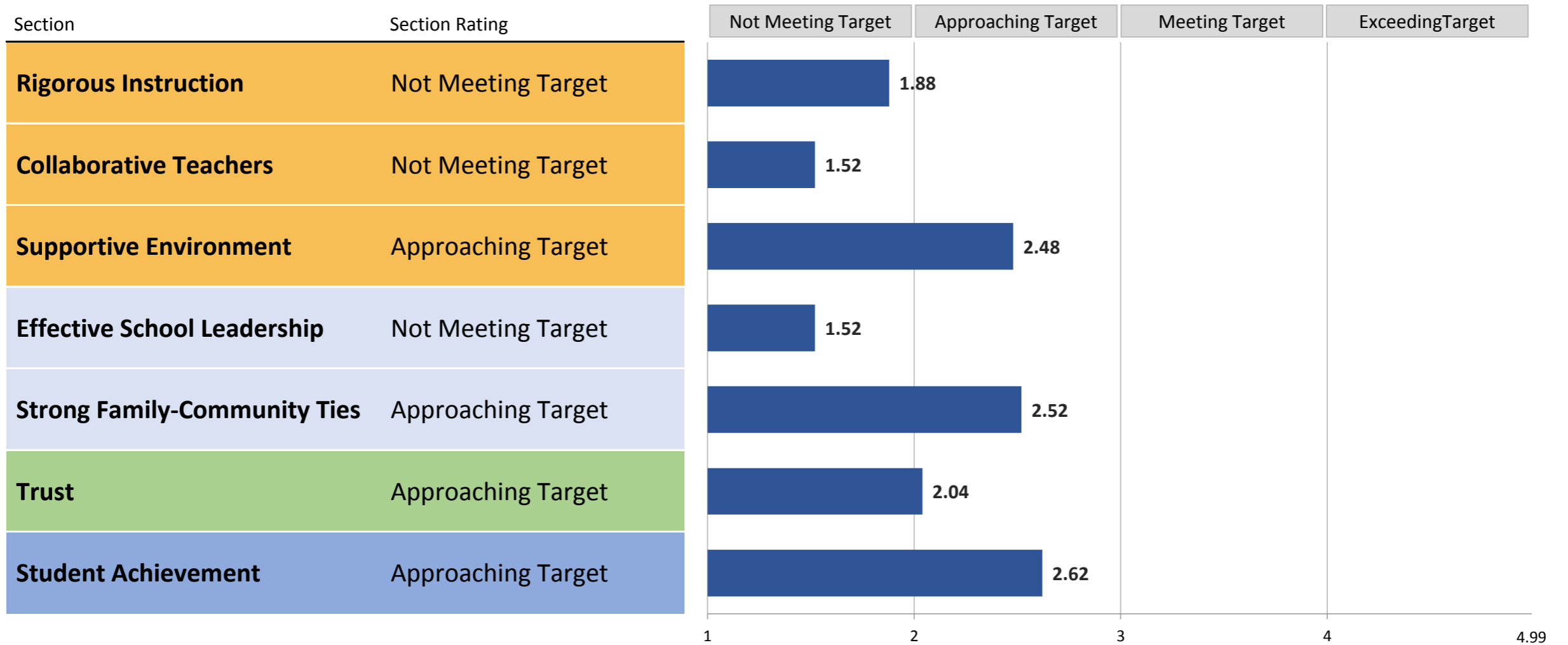The Bronx Mathematics Preparatory School

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.

Section	Section Rating	Not Meeting Target	Approaching Target	Meeting Target	ExceedingTarget
Rigorous Instruction	Not Meeting Target	1.88			
Collaborative Teachers	Not Meeting Target	1.52			
Supportive Environment	Approaching Target	2.48			
Effective School Leadership	Not Meeting Target	1.52			
Strong Family-Community Ties	Approaching Target	2.52			
Trust	Approaching Target	2.04			
Student Achievement	Approaching Target	2.62			

Section scores are on a scale from 1.00 - 4.99. The first digit corresponds to the section rating, and the additional digits show how close the school was to the next rating level.

State Accountability Status: Priority

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	89	93	80
Grade 7	92	96	97
Grade 8	124	95	101
All students	**305**	**284**	**278**

Student Demographics

	2012 - 2013	2013 - 2014	2014 - 2015
% English Language Learners	8%	11%	10%
% Free Lunch Eligible	89%	89%	89%
% Student with IEPs	27%	29%	27%
% Student with IEPs (less than 20% time)	11%	12%	10%
% HRA Eligible	-	69%	68%
% Temporary Housing	-	15%	20%
% Asian	5%	2%	3%
% Black	33%	34%	35%
% Hispanic	62%	62%	60%
% White	1%	1%	1%
% Other	0%	0%	1%
Average Incoming ELA Proficiency	2.64	2.26	2.26
Average Incoming Math Proficiency	2.99	2.46	2.40

Student Achievement Rating	Student Achievement Score
Approaching Target	**2.62**

Student Achievement Metrics

	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	258	**2.17**	1.95	2.14	2.24	2.35	2.61	**2.30**	9.80%
Percentage of Students at Level 3 or 4	258	**7.8%**	1.4%	7.2%	11.3%	16.0%	24.1%	**2.15**	9.80%
Median Adjusted Growth Percentile	229	**62.0**	49.1	54.5	62.3	67.4	76.7	**2.96**	9.80%
Median Adjusted Growth Percentile - School's Lowest Third	84	**78.0**	65.7	70.7	77.9	82.7	91.2	**3.02**	9.80%
State Test Results - Math									
○ Average Student Proficiency	261	**2.01**	1.76	2.06	2.25	2.48	2.81	**1.83**	9.80%
○ Percentage of Students at Level 3 or 4	261	**2.3%**	0.0%	7.7%	13.4%	19.7%	29.1%	**1.30**	9.80%
Median Adjusted Growth Percentile	234	**62.5**	38.5	46.9	59.0	67.1	81.4	**3.43**	9.80%
Median Adjusted Growth Percentile - School's Lowest Third	80	**77.0**	56.3	63.2	73.2	79.8	91.7	**3.58**	9.80%
Core Course Pass Rates									
○ ELA	254	**54.7%**	65.6%	75.3%	82.6%	90.7%	100.0%	**1.00**	1.96%
○ Math	254	**66.1%**	64.7%	74.7%	82.2%	90.5%	100.0%	**1.00**	1.96%
○ Science	254	**50.8%**	67.6%	76.8%	83.6%	91.3%	100.0%	**1.00**	1.96%
○ Social Studies	254	**68.1%**	62.8%	73.4%	81.2%	90.0%	100.0%	**1.50**	1.96%
○ Percent of 8th Graders Earning HS Credit	89	**1.1%**	0.0%	10.5%	18.3%	27.0%	38.2%	**1.10**	3.92%
9th Grade Adjusted Credit Accumulation of Former 8th Graders	79	**82.0%**	59.0%	70.0%	78.0%	87.0%	97.0%	**3.44**	9.80%
								Weighted Average Score	**2.49**

Closing the Achievement Gap (CtAG) Metrics

	n	2014-15 School Population %	Population % of Range	2014-15 School Value	Bottom of Target Range	Approaching Target	Meeting Target	Exceeding Target	Top of Target Range	Metric Score	Extra Points Possible	Extra Points Earned
ELA - Percent at Level 3 or 4												
○ Self-Contained	32	12.4%	64.2%	**0.0%**	0.0%	0.4%	0.8%	1.3%	2.2%	**1.00**	0.030	0.000
○ Integrated Co-Teaching	21	8.1%	44.5%	**0.0%**	0.0%	1.6%	3.2%	5.1%	8.4%	**1.00**	0.030	0.000
○ SETSS	15	5.8%	62.4%	**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	32	12.3%	65.1%	**0.0%**	0.0%	0.7%	1.4%	2.3%	3.8%	**1.00**	0.030	0.000
○ Integrated Co-Teaching	20	7.7%	42.5%	**0.0%**	0.0%	2.4%	4.8%	7.6%	12.6%	**1.00**	0.030	0.000
○ SETSS	15	5.7%	62.0%	**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	26	11.4%	25.5%	**30.8%**	17.2%	27.0%	36.6%	47.8%	68.0%	**2.40**	0.030	0.011
Lowest Third Citywide	125	54.6%	70.3%	**50.4%**	31.5%	39.4%	47.2%	56.3%	72.7%	**3.35**	0.030	0.018
Black and Hispanic Males in Lowest Third Citywide	70	30.6%	68.5%	**41.4%**	29.6%	38.0%	46.2%	55.9%	73.2%	**2.41**	0.030	0.011
SC/ICT/SETSS	62	27.1%	66.0%	**58.1%**	35.0%	42.9%	50.8%	60.0%	76.4%	**3.79**	0.030	0.021
Math - Percent at 75th+ Growth Percentile												
○ ELL	30	12.8%	26.4%	**13.3%**	12.4%	22.8%	33.0%	45.0%	66.4%	**1.09**	0.030	0.001
Lowest Third Citywide	161	68.8%	84.8%	**40.4%**	24.4%	34.1%	43.7%	54.9%	75.0%	**2.66**	0.030	0.012
Black and Hispanic Males in Lowest Third Citywide	85	36.3%	81.6%	**38.8%**	24.1%	34.0%	43.7%	55.1%	75.5%	**2.49**	0.030	0.011
● SC/ICT/SETSS	61	26.1%	64.3%	**54.1%**	25.8%	34.5%	43.0%	53.1%	71.0%	**4.06**	0.030	0.023
ELL Progress	29	10.5%	29.1%	**41.4%**	11.3%	22.8%	34.2%	47.5%	71.3%	**3.54**	0.030	0.019
										CtAG Additional Points		**0.13**
										Overall Student Achievement Score		**2.62**

● 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	Under Developed	1.00	22%
Quality Review 2.2	Developing	2.00	22%
NYC School Survey - Rigorous Instruction	79%	2.24	34%
Section Rating: Not Meeting Target	**Section Score:**	**1.88**	
Collaborative Teachers			
Quality Review 4.2	Under Developed	1.00	50%
NYC School Survey - Collaborative Teachers	75%	2.00	50%
Section Rating: Not Meeting Target	**Section Score:**	**1.52**	
Supportive Environment			
Quality Review 3.4	Proficient	3.40	30%
NYC School Survey - Supportive Environment	79%	2.08	35%
Percentage of students with 90%+ attendance			
EMS	59.9%	2.04	
HS			
Overall	59.9%	2.04	30%
Movement of students with disabilities to less restrictive environments			
EMS	0.30	2.76	
HS			
Overall	0.30	2.76	5%
Section Rating: Approaching Target	**Section Score:**	**2.48**	
Effective School Leadership			
NYC School Survey - Effective School Leadership	65%	1.52	100%
Section Rating: Not Meeting Target	**Section Score:**	**1.52**	
Strong Family-Community Ties			
NYC School Survey - Strong Family-Community Ties	76%	2.52	100%
Section Rating: Approaching Target	**Section Score:**	**2.52**	
Trust			
NYC School Survey - Trust	81%	2.04	100%
Section Rating: Approaching Target	**Section Score:**	**2.04**	

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Rigorous Instruction							
Common Core shifts in literacy	Teachers	87	79.4	91.4	100.0	0.37	2.48
Common Core shifts in math	Teachers	78	68.9	87.1	100.0	0.30	2.20
Course clarity	Students	88	81.3	89.7	98.1	0.38	2.52
○ Quality of student discussion	Teachers	61	53.2	78.4	100.0	0.18	1.72
Section Results:		**79%**					**2.24**
Collaborative Teachers							
Cultural awareness:							
Cultural awareness	Teachers	90	84.5	94.1	100.0	0.50	
Cultural awareness	Parents	89	87.1	93.3	99.5	0.25	
Cultural awareness	Students	78	70.6	84.2	97.8	0.29	
Cultural awareness	Combined	86				0.35	2.40
Inclusive classroom instruction	Teachers	93	81.7	93.3	100.0	0.59	3.36
Quality of professional development	Teachers	69	54.0	77.4	100.0	0.33	2.32
○ School commitment	Teachers	59	59.7	84.3	100.0	0.00	1.00
○ Innovation	Teachers	68	65.8	85.2	100.0	0.05	1.20
Reflective dialogue	Teachers	93	86.6	95.8	100.0	0.50	3.00
○ Peer collaboration	Teachers	82	76.7	91.9	100.0	0.24	1.96
○ Focus on student learning	Teachers	75	68.4	88.4	100.0	0.22	1.88
○ Collective responsibility	Teachers	52	57.5	82.3	100.0	0.00	1.00
Section Results:		**75%**					**2.00**
Supportive Environment							
Safety:							
Safety	Teachers						
Safety	Students	73	67.5	82.9	98.3	0.18	
○ Safety	Combined	73				0.18	1.72
Classroom behavior:							
Classroom behavior	Teachers						
Classroom behavior	Students	73	63.4	79.2	95.0	0.31	
Classroom behavior	Combined	73				0.31	2.24
○ Social-emotional measure	Teachers	82	84.7	95.3	100.0	0.00	1.00
Peer interactions	Students	75	67.5	80.7	93.9	0.29	2.16
Next-level guidance	Students	84	76.9	88.3	99.7	0.30	2.20
Press toward academic achievement:							
Press toward academic achievement	Teachers						
Press toward academic achievement	Students	85	80.6	88.2	95.8	0.28	
Press toward academic achievement	Combined	85				0.28	2.12
Personal attention and support	Students	86	74.1	85.5	96.9	0.50	3.00
Peer support for academic work:							
Peer support for academic work	Teachers						
Peer support for academic work	Parents	80	76.8	88.6	100.0	0.13	
Peer support for academic work	Students	65	48.0	66.6	85.2	0.45	
Peer support for academic work	Combined	72				0.29	2.16
Section Results:		**79%**					**2.08**

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Effective School Leadership							
○ Inclusive principal leadership	Parents	83	82.1	90.7	99.3	0.04	1.16
Teacher influence	Teachers	51	34.5	67.1	99.7	0.26	2.04
○ Program coherence	Teachers	50	60.8	85.2	100.0	0.00	1.00
○ Principal instructional leadership	Teachers	74	67.2	88.0	100.0	0.20	1.80
Section Results:		**65%**					**1.52**
Strong Family Community Ties							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	85	79.9	92.5	100.0	0.27	
Teacher outreach to parents	Parents	87	81.6	90.6	99.6	0.30	
Teacher outreach to parents	Combined	86				0.28	2.12
Parent involvement in the schools	Parents	65	47.1	66.3	85.5	0.47	2.88
Section Results:		**76%**					**2.52**
Trust							
Parent-teacher trust	Parents	89	88.9	94.3	99.7	0.25	2.00
Parent-principal trust	Parents	91	88.6	94.8	100.0	0.50	3.00
Student-teacher trust	Students	78	69.2	82.0	94.8	0.32	2.28
○ Teacher-principal trust	Teachers	70	63.2	87.4	100.0	0.17	1.68
○ Teacher-teacher trust	Teachers	76	74.2	90.6	100.0	0.05	1.20
Section Results:		**81%**					**2.04**

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	2.17	2.14 or lower	2.15 to 2.21	2.22 to 2.27	2.28 or higher
Average Student Proficiency - School's Lowest Third	1.91	1.80 or lower	1.81 to 1.89	1.90 to 1.99	2.00 or higher
Percentage of Students at Level 3 or 4	7.8%	7.1% or lower	7.2% to 10.7%	10.8% to 14.9%	15.0% or higher
State Test Results - Math*					
Average Student Proficiency	2.01	2.04 or lower	2.05 to 2.17	2.18 to 2.27	2.28 or higher
Average Student Proficiency - School's Lowest Third	1.81	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	2.3%	6.8% or lower	6.9% to 10.7%	10.8% to 14.9%	15.0% or higher
Core Course Pass Rates					
ELA	54.7%	77.8% or lower	77.9% to 83.0%	83.1% to 87.2%	87.3% or higher
Math	66.1%	78.3% or lower	78.4% to 83.4%	83.5% to 87.5%	87.6% or higher
Science	50.8%	80.1% or lower	80.2% to 84.8%	84.9% to 88.6%	88.7% or higher
Social Studies	68.1%	76.3% or lower	76.4% to 81.8%	81.9% to 86.3%	86.4% or higher
Percent of 8th Graders Earning HS Credit	1.1%	5.9% or lower	6.0% to 9.9%	10.0% to 14.9%	15.0% or higher
9th Grade Adjusted Credit Accumulation of Former 8th Graders	82.0%	76.9% or lower	77.0% to 80.9%	81.0% to 84.9%	85.0% 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	1.83	1.76 or lower	1.77 to 1.83	1.84 to 1.89	1.90 or higher
Integrated Co-Teaching	1.97	1.94 or lower	1.95 to 2.02	2.03 to 2.08	2.09 or higher
SETSS	1.99	1.98 or lower	1.99 to 2.09	2.10 to 2.18	2.19 or higher
ELL	1.86	1.91 or lower	1.92 to 2.02	2.03 to 2.12	2.13 or higher
Lowest Third Citywide	1.94	1.88 or lower	1.89 to 1.93	1.94 to 1.99	2.00 or higher
Black and Hispanic Males in Lowest Third Citywide	1.88	1.84 or lower	1.85 to 1.89	1.90 to 1.99	2.00 or higher
Math - Average Proficiency Rating					
Self-Contained	1.78	1.69 or lower	1.70 to 1.79	1.80 to 1.89	1.90 or higher
Integrated Co-Teaching	1.87	1.81 or lower	1.82 to 1.93	1.94 to 2.03	2.04 or higher
SETSS	1.96	1.86 or lower	1.87 to 2.01	2.02 to 2.13	2.14 or higher
ELL	1.86	1.88 or lower	1.89 to 2.04	2.05 to 2.17	2.18 or higher
Lowest Third Citywide	1.86	1.80 or lower	1.81 to 1.89	1.90 to 1.99	2.00 or higher
Black and Hispanic Males in Lowest Third Citywide	1.84	1.79 or lower	1.80 to 1.89	1.90 to 1.99	2.00 or higher
ELL Progress	41.4%	26.5% or lower	26.6% to 36.4%	36.5% to 44.4%	44.5% 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 <u>and</u> 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	59.9%	61.4% or lower	61.5% to 67.2%	67.3% to 72.0%	72.1% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.30	0.25 or lower	0.26 to 0.39	0.40 to 0.51	0.52 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.**