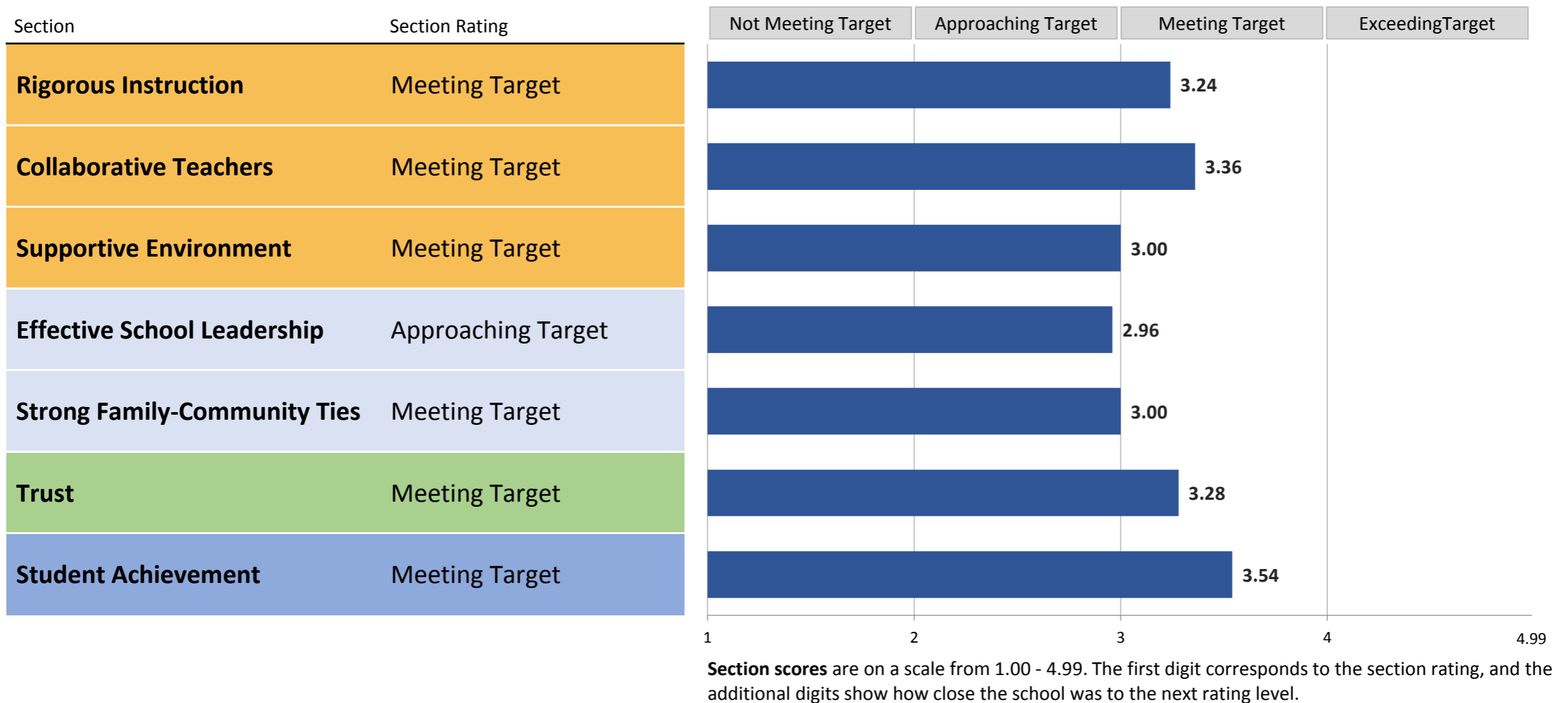## Summary of Section Ratings

Collaborative Academy of Science, Technology, & Language-Arts Education

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	Meeting Target			3.24	
Collaborative Teachers	Meeting Target			3.36	
Supportive Environment	Meeting Target			3.00	
Effective School Leadership	Approaching Target		2.96		
Strong Family-Community Ties	Meeting Target			3.00	
Trust	Meeting Target			3.28	
Student Achievement	Meeting Target			3.54	

1   2   3   4   4.99

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: 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	70	26	35
Grade 7	78	69	29
Grade 8	85	71	68
All students	**233**	**166**	**132**

Student Demographics

	2012 - 2013	2013 - 2014	2014 - 2015
% English Language Learners	9%	7%	7%
% Free Lunch Eligible	81%	81%	86%
% Student with IEPs	28%	33%	39%
% Student with IEPs (less than 20% time)	8%	11%	13%
% HRA Eligible	-	66%	62%
% Temporary Housing	-	23%	22%
% Asian	13%	12%	16%
% Black	24%	33%	28%
% Hispanic	58%	49%	50%
% White	3%	3%	2%
% Other	0%	3%	4%
Average Incoming ELA Proficiency	2.69	2.25	2.22
Average Incoming Math Proficiency	3.12	2.61	2.52

Student Achievement Rating	Student Achievement Score
Meeting Target	**3.54**

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	126	**2.43**	1.94	2.15	2.27	2.40	2.66	**4.12**	9.80%
● Percentage of Students at Level 3 or 4	126	**22.2%**	0.7%	7.5%	12.5%	18.1%	26.4%	**4.49**	9.80%
● Median Adjusted Growth Percentile	120	**68.5**	49.0	54.6	62.8	68.2	77.8	**4.03**	9.80%
Median Adjusted Growth Percentile - School's Lowest Third	43	**76.0**	66.2	71.3	78.4	83.1	91.5	**2.66**	9.80%
State Test Results - Math									
Average Student Proficiency	126	**2.29**	1.80	2.08	2.25	2.45	2.77	**3.20**	9.80%
Percentage of Students at Level 3 or 4	126	**14.3%**	0.0%	7.3%	12.7%	18.7%	28.1%	**3.27**	9.80%
Median Adjusted Growth Percentile	120	**54.5**	39.1	47.0	58.6	66.2	79.8	**2.65**	9.80%
Median Adjusted Growth Percentile - School's Lowest Third	41	**75.0**	56.9	63.6	73.4	79.9	91.4	**3.25**	9.80%
Core Course Pass Rates									
● ELA	124	**94.4%**	65.7%	75.4%	82.7%	90.8%	100.0%	**4.39**	1.96%
Math	124	**87.1%**	62.7%	73.3%	81.2%	90.0%	100.0%	**3.67**	1.96%
● Science	124	**96.0%**	65.9%	75.6%	82.8%	90.8%	100.0%	**4.57**	1.96%
● Social Studies	124	**96.8%**	60.3%	71.6%	80.0%	89.3%	100.0%	**4.70**	1.96%
○ Percent of 8th Graders Earning HS Credit	66	**0.0%**	0.0%	10.3%	18.0%	26.6%	37.7%	**1.00**	3.92%
9th Grade Adjusted Credit Accumulation of Former 8th Graders	64	**80.0%**	59.0%	70.0%	79.0%	89.0%	100.0%	**3.10**	9.80%
							Weighted Average Score	**3.39**	

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	19	15.1%	78.2%	**0.0%**	0.0%	0.4%	0.8%	1.3%	2.2%	**1.00**	0.030	0.000
○ Integrated Co-Teaching	19	15.1%	83.0%	**0.0%**	0.0%	1.6%	3.2%	5.1%	8.4%	**1.00**	0.030	0.000
● SETSS	6	4.8%	51.6%	**33.3%**	0.0%	2.6%	5.2%	8.2%	13.6%	**4.99**	0.030	0.030
Math - Percent at Level 3 or 4												
○ Self-Contained	19	15.1%	79.9%	**0.0%**	0.0%	0.7%	1.4%	2.3%	3.8%	**1.00**	0.030	0.000
○ Integrated Co-Teaching	19	15.1%	83.4%	**0.0%**	0.0%	2.4%	4.8%	7.6%	12.6%	**1.00**	0.030	0.000
○ SETSS	6	4.8%	52.2%	**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	16	13.3%	29.8%	**31.3%**	17.2%	27.0%	36.6%	47.8%	68.0%	**2.45**	0.030	0.011
Lowest Third Citywide	48	40.0%	50.1%	**52.1%**	31.5%	39.4%	47.2%	56.3%	72.7%	**3.54**	0.030	0.019
Black and Hispanic Males in Lowest Third Citywide	21	17.5%	39.1%	**47.6%**	29.6%	38.0%	46.2%	55.9%	73.2%	**3.14**	0.030	0.016
SC/ICT/SETSS	42	35.0%	90.0%	**45.2%**	35.0%	42.9%	50.8%	60.0%	76.4%	**2.29**	0.030	0.010
Math - Percent at 75th+ Growth Percentile												
ELL	16	13.3%	27.4%	**37.5%**	12.4%	22.8%	33.0%	45.0%	66.4%	**3.38**	0.030	0.018
Lowest Third Citywide	55	45.8%	56.2%	**41.8%**	24.4%	34.1%	43.7%	54.9%	75.0%	**2.80**	0.030	0.014
Black and Hispanic Males in Lowest Third Citywide	20	16.7%	37.5%	**45.0%**	24.1%	34.0%	43.7%	55.1%	75.5%	**3.11**	0.030	0.016
SC/ICT/SETSS	42	35.0%	91.7%	**45.2%**	25.8%	34.5%	43.0%	53.1%	71.0%	**3.22**	0.030	0.017
ELL Progress	9	7.0%	19.4%	**55.6%**	11.3%	22.8%	34.2%	47.5%	71.3%		0.030	0.000
										CtAG Additional Points	**0.15**	
										Overall Student Achievement Score	**3.54**	

● 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	Proficient	3.40	22%
Quality Review 1.2	Proficient	3.40	22%
Quality Review 2.2	Proficient	3.40	22%
NYC School Survey - Rigorous Instruction	85%	2.96	34%
Section Rating: Meeting Target	**Section Score:**	**3.24**	

	Metric Value	Metric Score	Weight Pct
Collaborative Teachers			
Quality Review 4.2	Proficient	3.40	50%
NYC School Survey - Collaborative Teachers	86%	3.28	50%
Section Rating: Meeting Target	**Section Score:**	**3.36**	

	Metric Value	Metric Score	Weight Pct
Supportive Environment			
Quality Review 3.4	Proficient	3.40	30%
NYC School Survey - Supportive Environment	83%	2.72	35%
Percentage of students with 90%+ attendance			
EMS	69.9%	2.84	
HS			
Overall	69.9%	2.84	30%
Movement of students with disabilities to less restrictive environments			
EMS	0.40	3.30	
HS			
Overall	0.40	3.30	5%
Section Rating: Meeting Target	**Section Score:**	**3.00**	

	Metric Value	Metric Score	Weight Pct
Effective School Leadership			
NYC School Survey - Effective School Leadership	82%	2.96	100%
Section Rating: Approaching Target	**Section Score:**	**2.96**	

	Metric Value	Metric Score	Weight Pct
Strong Family-Community Ties			
NYC School Survey - Strong Family-Community Ties	79%	3.00	100%
Section Rating: Meeting Target	**Section Score:**	**3.00**	

	Metric Value	Metric Score	Weight Pct
Trust			
NYC School Survey - Trust	88%	3.28	100%
Section Rating: Meeting Target	**Section Score:**	**3.28**	

| | | Survey % Positive | City Range | | | Percent of Range | Score |
			Bottom of Range	City Avg	Top of Range		
Rigorous Instruction							
● Common Core shifts in literacy	Teachers	100	79.4	91.4	100.0	1.00	4.99
Common Core shifts in math	Teachers	82	68.9	87.1	100.0	0.43	2.72
○ Course clarity	Students	80	81.3	89.7	98.1	0.00	1.00
Quality of student discussion	Teachers	78	53.2	78.4	100.0	0.52	3.08
Section Results:		**85%**					**2.96**
Collaborative Teachers							
Cultural awareness:							
Cultural awareness	Teachers	100	84.5	94.1	100.0	1.00	
Cultural awareness	Parents	86	87.1	93.3	99.5	0.25	
Cultural awareness	Students	84	70.6	84.2	97.8	0.48	
Cultural awareness	Combined	90				0.58	3.32
● Inclusive classroom instruction	Teachers	100	81.7	93.3	100.0	1.00	4.99
● Quality of professional development	Teachers	95	54.0	77.4	100.0	0.89	4.56
School commitment	Teachers	78	59.7	84.3	100.0	0.44	2.76
○ Innovation	Teachers	66	65.8	85.2	100.0	0.01	1.04
● Reflective dialogue	Teachers	100	86.6	95.8	100.0	1.00	4.99
Peer collaboration	Teachers	93	76.7	91.9	100.0	0.68	3.72
Focus on student learning	Teachers	78	68.4	88.4	100.0	0.29	2.16
Collective responsibility	Teachers	70	57.5	82.3	100.0	0.28	2.12
Section Results:		**86%**					**3.28**
Supportive Environment							
Safety:							
Safety	Teachers						
Safety	Students	86	67.5	82.9	98.3	0.60	
Safety	Combined	86				0.60	3.40
Classroom behavior:							
Classroom behavior	Teachers						
Classroom behavior	Students	77	63.4	79.2	95.0	0.42	
Classroom behavior	Combined	77				0.42	2.68
Social-emotional measure	Teachers	92	84.7	95.3	100.0	0.50	3.00
Peer interactions	Students	77	67.5	80.7	93.9	0.37	2.48
Next-level guidance	Students	87	76.9	88.3	99.7	0.46	2.84
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	81	76.8	88.6	100.0	0.19	
Peer support for academic work	Students	62	48.0	66.6	85.2	0.37	
Peer support for academic work	Combined	72				0.28	2.12
Section Results:		**83%**					**2.72**

| | | Survey % Positive | City Range | | | Percent of Range | Score |
			Bottom of Range	City Avg	Top of Range		
Effective School Leadership							
Inclusive principal leadership	Parents	89	82.1	90.7	99.3	0.42	2.68
Teacher influence	Teachers	77	34.5	67.1	99.7	0.66	3.64
Program coherence	Teachers	83	60.8	85.2	100.0	0.57	3.28
Principal instructional leadership	Teachers	78	67.2	88.0	100.0	0.31	2.24
Section Results:		**82%**					**2.96**
Strong Family Community Ties							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	94	79.9	92.5	100.0	0.68	
Teacher outreach to parents	Parents	86	81.6	90.6	99.6	0.25	
Teacher outreach to parents	Combined	90				0.47	2.88
Parent involvement in the schools	Parents	67	47.1	66.3	85.5	0.53	3.12
Section Results:		**79%**					**3.00**
Trust							
Parent-teacher trust	Parents	90	88.9	94.3	99.7	0.50	3.00
● Parent-principal trust	Parents	95	88.6	94.8	100.0	0.75	4.00
Student-teacher trust	Students	81	69.2	82.0	94.8	0.45	2.80
Teacher-principal trust	Teachers	86	63.2	87.4	100.0	0.63	3.52
Teacher-teacher trust	Teachers	88	74.2	90.6	100.0	0.54	3.16
Section Results:		**88%**					**3.28**

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	2.43	2.12 or lower	2.13 to 2.19	2.20 to 2.25	2.26 or higher
Average Student Proficiency - School's Lowest Third	1.89	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	22.2%	6.3% or lower	6.4% to 9.9%	10.0% to 14.9%	15.0% or higher
State Test Results - Math*					
Average Student Proficiency	2.29	2.01 or lower	2.02 to 2.14	2.15 to 2.24	2.25 or higher
Average Student Proficiency - School's Lowest Third	1.84	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	14.3%	6.6% or lower	6.7% to 10.4%	10.5% to 14.9%	15.0% or higher
Core Course Pass Rates					
ELA	94.4%	77.5% or lower	77.6% to 82.8%	82.9% to 87.1%	87.2% or higher
Math	87.1%	78.5% or lower	78.6% to 83.5%	83.6% to 87.6%	87.7% or higher
Science	96.0%	80.9% or lower	81.0% to 85.3%	85.4% to 89.0%	89.1% or higher
Social Studies	96.8%	74.5% or lower	74.6% to 80.4%	80.5% to 85.3%	85.4% or higher
Percent of 8th Graders Earning HS Credit	0.0%	7.0% or lower	7.1% to 11.1%	11.2% to 14.9%	15.0% or higher
9th Grade Adjusted Credit Accumulation of Former 8th Graders	80.0%	75.9% or lower	76.0% to 79.9%	80.0% to 83.9%	84.0% 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	1.72	1.73 or lower	1.74 to 1.79	1.80 to 1.89	1.90 or higher
Integrated Co-Teaching	2.12	1.98 or lower	1.99 to 2.06	2.07 to 2.12	2.13 or higher
SETSS	2.44	1.96 or lower	1.97 to 2.07	2.08 to 2.16	2.17 or higher
ELL	2.41	1.95 or lower	1.96 to 2.07	2.08 to 2.16	2.17 or higher
Lowest Third Citywide	1.92	1.87 or lower	1.88 to 1.92	1.93 to 1.99	2.00 or higher
Black and Hispanic Males in Lowest Third Citywide	1.82	1.85 or lower	1.86 to 1.90	1.91 to 1.99	2.00 or higher
Math - Average Proficiency Rating					
Self-Contained	1.69	1.69 or lower	1.70 to 1.79	1.80 to 1.89	1.90 or higher
Integrated Co-Teaching	2.00	1.83 or lower	1.84 to 1.95	1.96 to 2.05	2.06 or higher
SETSS	2.08	1.85 or lower	1.86 to 2.00	2.01 to 2.13	2.14 or higher
ELL	2.53	1.95 or lower	1.96 to 2.11	2.12 to 2.24	2.25 or higher
Lowest Third Citywide	1.84	1.79 or lower	1.80 to 1.89	1.90 to 1.99	2.00 or higher
Black and Hispanic Males in Lowest Third Citywide	1.85	1.79 or lower	1.80 to 1.89	1.90 to 1.99	2.00 or higher
ELL Progress	55.6%	28.3% or lower	28.4% to 38.1%	38.2% to 46.1%	46.2% 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	69.9%	60.5% or lower	60.6% to 66.4%	66.5% to 71.1%	71.2% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.40	0.19 or lower	0.20 to 0.30	0.31 to 0.39	0.40 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.