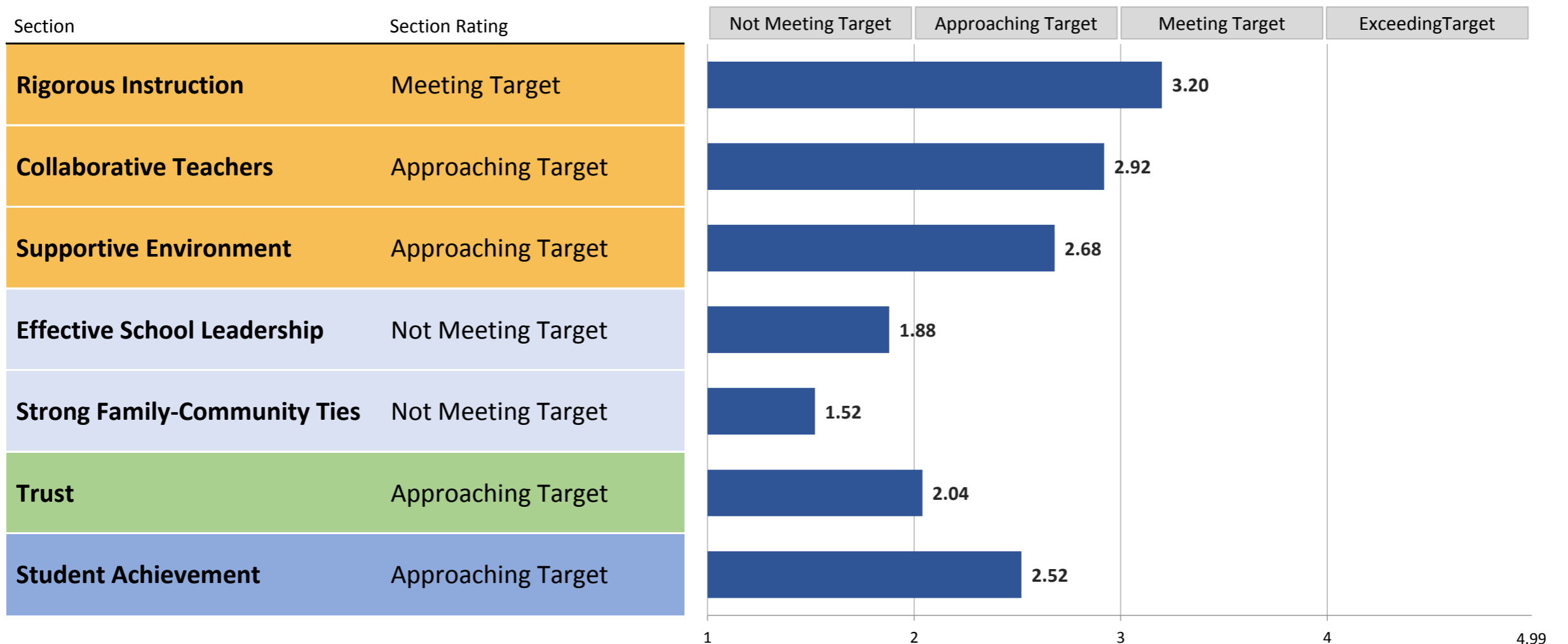


**Framework for Great Schools**

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 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>

**2014-15 School Quality Guide / MS**  
**School Enrollment and Demographic Data**

02M655

Life Sciences Secondary School

**Student Enrollment**

<b>Grade</b>	<b>2012 - 2013</b>	<b>2013 - 2014</b>	<b>2014 - 2015</b>
Grade 6	33	41	28
Grade 7	36	35	35
Grade 8	40	37	33
<b>All students</b>	<b>109</b>	<b>113</b>	<b>96</b>

**Student Demographics**

	<b>2012 - 2013</b>	<b>2013 - 2014</b>	<b>2014 - 2015</b>
% English Language Learners	7%	9%	6%
% Free Lunch Eligible	66%	66%	69%
% Student with IEPs	28%	26%	31%
% Student with IEPs (less than 20% time)	9%	8%	11%
% HRA Eligible	-	67%	64%
% Temporary Housing	-	12%	15%
% Asian	3%	1%	1%
% Black	33%	32%	36%
% Hispanic	61%	65%	60%
% White	2%	3%	2%
% Other	0%	0%	0%
Average Incoming ELA Proficiency	2.69	2.33	2.29
Average Incoming Math Proficiency	3.06	2.53	2.48

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

02M655  
Life Sciences Secondary School

Student Achievement Rating	Student Achievement Score
<b>Approaching Target</b>	<b>2.52</b>

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			
<b>State Test Results - ELA</b>									
○ Average Student Proficiency	93	<b>2.24</b>	1.96	2.18	2.30	2.44	2.69	<b>2.50</b>	9.80%
○ Percentage of Students at Level 3 or 4	93	<b>8.6%</b>	1.2%	8.4%	13.6%	19.4%	27.7%	<b>2.04</b>	9.80%
○ Median Adjusted Growth Percentile	90	<b>67.0</b>	46.7	52.8	61.6	67.5	77.9	<b>3.92</b>	9.80%
● Median Adjusted Growth Percentile - School's Lowest Third	30	<b>86.0</b>	61.4	67.4	76.2	82.0	92.4	<b>4.38</b>	9.80%
<b>State Test Results - Math</b>									
○ Average Student Proficiency	92	<b>1.95</b>	1.79	2.11	2.33	2.58	2.92	<b>1.50</b>	9.80%
○ Percentage of Students at Level 3 or 4	92	<b>1.1%</b>	0.0%	9.3%	16.3%	24.1%	33.9%	<b>1.12</b>	9.80%
○ Median Adjusted Growth Percentile	90	<b>36.0</b>	39.8	48.1	60.0	67.9	82.0	<b>1.00</b>	9.80%
○ Median Adjusted Growth Percentile - School's Lowest Third	30	<b>61.5</b>	58.9	65.0	73.7	79.5	89.9	<b>1.43</b>	9.80%
<b>Core Course Pass Rates</b>									
● ELA	90	<b>97.8%</b>	70.1%	78.7%	85.0%	92.0%	100.0%	<b>4.73</b>	1.96%
○ Math	90	<b>71.1%</b>	70.2%	78.8%	85.0%	92.0%	100.0%	<b>1.10</b>	1.96%
○ Science	90	<b>88.9%</b>	74.8%	82.3%	87.6%	93.4%	100.0%	<b>3.22</b>	1.96%
○ Social Studies	90	<b>72.2%</b>	65.3%	75.2%	82.5%	90.7%	100.0%	<b>1.70</b>	1.96%
○ Percent of 8th Graders Earning HS Credit	31	<b>0.0%</b>	0.0%	13.1%	22.9%	33.8%	46.4%	<b>1.00</b>	3.92%
● 9th Grade Adjusted Credit Accumulation of Former 8th Graders	33	<b>94.0%</b>	60.0%	71.0%	80.0%	89.0%	100.0%	<b>4.45</b>	9.80%
								<b>Weighted Average Score</b>	<b>2.44</b>

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				
<b>ELA - Percent at Level 3 or 4</b>												
○ Self-Contained	16	17.2%	89.1%	<b>0.0%</b>	0.0%	0.4%	0.8%	1.3%	2.2%	<b>1.00</b>	0.030	0.000
○ Integrated Co-Teaching	9	9.7%	53.3%	<b>0.0%</b>	0.0%	1.6%	3.2%	5.1%	8.4%	<b>1.00</b>	0.030	0.000
○ SETSS	4	4.3%	46.2%		0.0%	2.6%	5.2%	8.2%	13.6%		0.030	0.000
<b>Math - Percent at Level 3 or 4</b>												
○ Self-Contained	15	16.3%	86.2%	<b>0.0%</b>	0.0%	0.7%	1.4%	2.3%	3.8%	<b>1.00</b>	0.030	0.000
○ Integrated Co-Teaching	9	9.8%	54.1%	<b>0.0%</b>	0.0%	2.4%	4.8%	7.6%	12.6%	<b>1.00</b>	0.030	0.000
○ SETSS	4	4.3%	46.7%		0.0%	3.3%	6.6%	10.4%	17.2%		0.030	0.000
<b>ELA - Percent at 75th+ Growth Percentile</b>												
○ ELL	10	11.1%	24.8%	<b>50.0%</b>	17.2%	27.0%	36.6%	47.8%	68.0%		0.030	0.000
● Lowest Third Citywide	48	53.3%	68.5%	<b>58.3%</b>	31.5%	39.4%	47.2%	56.3%	72.7%	<b>4.12</b>	0.030	0.023
● Black and Hispanic Males in Lowest Third Citywide	26	28.9%	64.7%	<b>61.5%</b>	29.6%	38.0%	46.2%	55.9%	73.2%	<b>4.32</b>	0.030	0.025
● SC/ICT/SETSS	27	30.0%	74.8%	<b>70.4%</b>	35.0%	42.9%	50.8%	60.0%	76.4%	<b>4.63</b>	0.030	0.027
<b>Math - Percent at 75th+ Growth Percentile</b>												
○ ELL	10	11.1%	22.9%	<b>0.0%</b>	12.4%	22.8%	33.0%	45.0%	66.4%		0.030	0.000
○ Lowest Third Citywide	48	53.3%	65.5%	<b>22.9%</b>	24.4%	34.1%	43.7%	54.9%	75.0%	<b>1.00</b>	0.030	0.000
○ Black and Hispanic Males in Lowest Third Citywide	23	25.6%	57.5%	<b>30.4%</b>	24.1%	34.0%	43.7%	55.1%	75.5%	<b>1.64</b>	0.030	0.005
○ SC/ICT/SETSS	27	30.0%	76.3%	<b>25.9%</b>	25.8%	34.5%	43.0%	53.1%	71.0%	<b>1.01</b>	0.030	0.000
○ ELL Progress	6	6.3%	17.5%	<b>33.3%</b>	11.3%	22.8%	34.2%	47.5%	71.3%		0.030	0.000
											<b>CtAG Additional Points</b>	<b>0.08</b>
											<b>Overall Student Achievement Score</b>	<b>2.52</b>

- 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
<b>Rigorous Instruction</b>			
Quality Review 1.1	Proficient	3.40	22%
Quality Review 1.2	Proficient	3.40	22%
Quality Review 2.2	Developing	2.00	22%
NYC School Survey - Rigorous Instruction	90%	3.68	34%
<b>Section Rating: Meeting Target</b>	<b>Section Score:</b>	<b>3.20</b>	

<b>Collaborative Teachers</b>			
Quality Review 4.2	Developing	2.00	50%
NYC School Survey - Collaborative Teachers	90%	3.84	50%
<b>Section Rating: Approaching Target</b>	<b>Section Score:</b>	<b>2.92</b>	

<b>Supportive Environment</b>			
Quality Review 3.4	Proficient	3.40	30%
NYC School Survey - Supportive Environment	77%	2.32	35%
Percentage of students with 90%+ attendance			
EMS	70.0%	2.48	
HS	47.2%	2.04	
Overall	58.6%	2.24	30%
Movement of students with disabilities to less restrictive environments			
EMS	0.63	4.25	
HS	0.57	3.46	
Overall	0.60	3.86	5%
<b>Section Rating: Approaching Target</b>	<b>Section Score:</b>	<b>2.68</b>	

<b>Effective School Leadership</b>			
NYC School Survey - Effective School Leadership	67%	1.88	100%
<b>Section Rating: Not Meeting Target</b>	<b>Section Score:</b>	<b>1.88</b>	

<b>Strong Family-Community Ties</b>			
NYC School Survey - Strong Family-Community Ties	65%	1.52	100%
<b>Section Rating: Not Meeting Target</b>	<b>Section Score:</b>	<b>1.52</b>	

<b>Trust</b>			
NYC School Survey - Trust	81%	2.04	100%
<b>Section Rating: Approaching Target</b>	<b>Section Score:</b>	<b>2.04</b>	

		Survey % Positive	City Range			Percent of Range	Score	
			Bottom of Range	City Avg	Top of Range			
<b>Rigorous Instruction</b>								
•	Common Core shifts in literacy	Teachers	96	78.0	90.2	100.0	0.82	4.28
•	Common Core shifts in math	Teachers	96	73.4	86.8	100.0	0.86	4.44
	Course clarity	Students	87	79.8	87.6	95.4	0.44	2.76
	Quality of student discussion	Teachers	81	58.6	79.2	99.8	0.55	3.20
<b>Section Results:</b>			90%					<b>3.68</b>
<b>Collaborative Teachers</b>								
Cultural awareness:								
	Cultural awareness	Teachers	98	85.7	94.3	100.0	0.88	
	Cultural awareness	Parents	84	85.4	92.4	99.4	0.00	
	Cultural awareness	Students	74	69.5	80.9	92.3	0.20	
	Cultural awareness	Combined	85				0.36	2.44
•	Inclusive classroom instruction	Teachers	98	81.4	92.4	100.0	0.91	4.64
	Quality of professional development	Teachers	78	45.8	75.2	100.0	0.60	3.40
	School commitment	Teachers	90	60.1	85.3	100.0	0.74	3.96
	Innovation	Teachers	87	63.0	84.2	100.0	0.65	3.60
•	Reflective dialogue	Teachers	99	85.6	95.2	100.0	0.90	4.60
	Peer collaboration	Teachers	93	72.0	89.8	100.0	0.74	3.96
•	Focus on student learning	Teachers	94	64.0	86.6	100.0	0.82	4.28
	Collective responsibility	Teachers	86	54.5	80.5	100.0	0.68	3.72
<b>Section Results:</b>			90%					<b>3.84</b>
<b>Supportive Environment</b>								
Safety:								
	Safety	Teachers						
	Safety	Students	70	69.7	83.1	96.5	0.01	
○	Safety	Combined	70				0.01	1.04
Classroom behavior:								
	Classroom behavior	Teachers						
	Classroom behavior	Students	80	67.0	80.4	93.8	0.47	
	Classroom behavior	Combined	80				0.47	2.88
•	Social-emotional measure	Teachers	100	86.5	95.3	100.0	1.00	4.99
○	Peer interactions	Students	68	63.1	76.5	89.9	0.20	1.80
	Next-level guidance	Students	78	72.1	83.3	94.5	0.27	2.08
Press toward academic achievement:								
	Press toward academic achievement	Teachers						
	Press toward academic achievement	Students	84	80.3	87.9	95.5	0.27	
	Press toward academic achievement	Combined	84				0.27	2.08
	Personal attention and support	Students	78	73.6	83.0	92.4	0.25	2.00
Peer support for academic work:								
	Peer support for academic work	Teachers						
	Peer support for academic work	Parents	62	72.8	86.8	100.0	0.00	
	Peer support for academic work	Students	54	45.3	61.7	78.1	0.26	
○	Peer support for academic work	Combined	58				0.13	1.52
<b>Section Results:</b>			77%					<b>2.32</b>

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
<b>Effective School Leadership</b>							
○ Inclusive principal leadership	Parents	74	76.7	88.9	100.0	0.00	1.00
○ Teacher influence	Teachers	52	44.5	71.1	97.7	0.14	1.56
○ Program coherence	Teachers	82	52.0	80.8	100.0	0.63	3.52
○ Principal instructional leadership	Teachers	61	56.6	85.0	100.0	0.10	1.40
<b>Section Results:</b>		67%					<b>1.88</b>
<b>Strong Family Community Ties</b>							
Teacher outreach to parents:							
○ Teacher outreach to parents	Teachers	88	77.3	90.9	100.0	0.47	
○ Teacher outreach to parents	Parents	73	76.9	88.1	99.3	0.00	
○ Teacher outreach to parents	Combined	80				0.24	1.96
○ Parent involvement in the schools	Parents	49	48.2	65.0	81.8	0.02	1.08
<b>Section Results:</b>		65%					<b>1.52</b>
<b>Trust</b>							
○ Parent-teacher trust	Parents	83	86.5	93.3	100.0	0.00	1.00
○ Parent-principal trust	Parents	83	84.5	93.1	100.0	0.00	1.00
○ Student-teacher trust	Students	75	69.1	79.9	90.7	0.25	2.00
○ Teacher-principal trust	Teachers	65	56.9	85.9	100.0	0.18	1.72
● Teacher-teacher trust	Teachers	97	74.0	90.8	100.0	0.87	4.48
<b>Section Results:</b>		81%					<b>2.04</b>

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
<b>State Test Results - ELA*</b>					
Average Student Proficiency	2.24	2.11 or lower	2.12 to 2.18	2.19 to 2.24	2.25 or higher
Average Student Proficiency - School's Lowest Third	1.92	1.82 or lower	1.83 to 1.91	1.92 to 1.99	2.00 or higher
Percentage of Students at Level 3 or 4	8.6%	5.8% or lower	5.9% to 9.9%	10.0% to 14.9%	15.0% or higher
<b>State Test Results - Math*</b>					
Average Student Proficiency	1.95	1.97 or lower	1.98 to 2.10	2.11 to 2.21	2.22 or higher
Average Student Proficiency - School's Lowest Third	1.75	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	1.1%	5.1% or lower	5.2% to 9.9%	10.0% to 14.9%	15.0% or higher
<b>Core Course Pass Rates</b>					
ELA	97.8%	77.6% or lower	77.7% to 82.8%	82.9% to 87.1%	87.2% or higher
Math	71.1%	78.1% or lower	78.2% to 83.2%	83.3% to 87.4%	87.5% or higher
Science	88.9%	79.4% or lower	79.5% to 84.2%	84.3% to 88.2%	88.3% or higher
Social Studies	72.2%	75.8% or lower	75.9% to 81.4%	81.5% to 86.1%	86.2% or higher
Percent of 8th Graders Earning HS Credit	0.0%	4.9% or lower	5.0% to 9.9%	10.0% to 14.9%	15.0% or higher
9th Grade Adjusted Credit Accumulation of Former 8th Graders	94.0%	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
<b>ELA - Average Proficiency Rating</b>					
Self-Contained	1.92	1.81 or lower	1.82 to 1.88	1.89 to 1.93	1.94 or higher
Integrated Co-Teaching	2.04	1.92 or lower	1.93 to 2.00	2.01 to 2.06	2.07 or higher
SETSS		1.97 or lower	1.98 to 2.08	2.09 to 2.17	2.18 or higher
ELL	1.95	1.95 or lower	1.96 to 2.07	2.08 to 2.16	2.17 or higher
Lowest Third Citywide	2.00	1.90 or lower	1.91 to 1.95	1.96 to 1.99	2.00 or higher
Black and Hispanic Males in Lowest Third Citywide	1.96	1.87 or lower	1.88 to 1.92	1.93 to 1.99	2.00 or higher
<b>Math - Average Proficiency Rating</b>					
Self-Contained	1.76	1.72 or lower	1.73 to 1.80	1.81 to 1.89	1.90 or higher
Integrated Co-Teaching	1.86	1.79 or lower	1.80 to 1.89	1.90 to 1.99	2.00 or higher
SETSS		1.79 or lower	1.80 to 1.95	1.96 to 2.07	2.08 or higher
ELL	1.89	1.95 or lower	1.96 to 2.11	2.12 to 2.24	2.25 or higher
Lowest Third Citywide	1.81	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	1.84	1.79 or lower	1.80 to 1.89	1.90 to 1.99	2.00 or higher
ELL Progress	33.3%	24.6% or lower	24.7% to 34.5%	34.6% to 42.5%	42.6% 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	70.0%	59.4% or lower	59.5% to 65.3%	65.4% to 70.1%	70.2% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.63	0.26 or lower	0.27 to 0.41	0.42 to 0.53	0.54 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.