

# 2014-15 School Quality Guide / MS

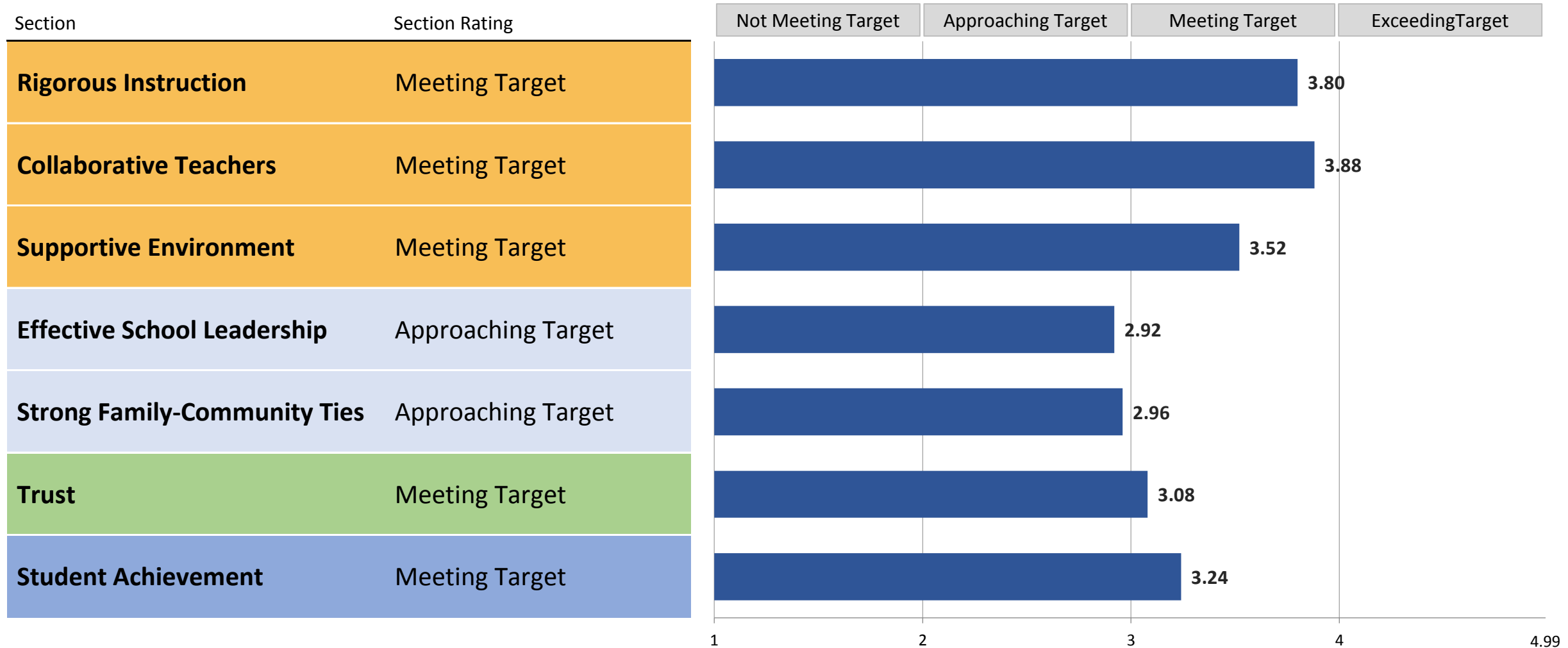
## Summary of Section Ratings

09X241

Urban Assembly School for Applied Math and Science, The

### 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>

**Student Enrollment**

<b>Grade</b>	<b>2012 - 2013</b>	<b>2013 - 2014</b>	<b>2014 - 2015</b>
Grade 6	86	85	89
Grade 7	89	88	89
Grade 8	87	85	90
<b>All students</b>	<b>262</b>	<b>258</b>	<b>268</b>

**Student Demographics**

	<b>2012 - 2013</b>	<b>2013 - 2014</b>	<b>2014 - 2015</b>
% English Language Learners	14%	15%	15%
% Free Lunch Eligible	83%	83%	84%
% Student with IEPs	17%	19%	21%
% Student with IEPs (less than 20% time)	0%	1%	3%
% HRA Eligible	-	74%	74%
% Temporary Housing	-	10%	10%
% Asian	1%	0%	0%
% Black	39%	38%	36%
% Hispanic	60%	61%	62%
% White	1%	1%	1%
% Other	0%	0%	1%
Average Incoming ELA Proficiency	2.73	2.32	2.24
Average Incoming Math Proficiency	3.07	2.47	2.42

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

09X241

Urban Assembly School for Applied Math and Science, The

Student Achievement Rating	Student Achievement Score
<b>Meeting Target</b>	<b>3.24</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	267	<b>2.23</b>	1.97	2.19	2.31	2.44	2.69	<b>2.33</b>	9.80%
○ Percentage of Students at Level 3 or 4	267	<b>7.5%</b>	2.4%	9.1%	13.8%	19.1%	27.1%	<b>1.76</b>	9.80%
Median Adjusted Growth Percentile	260	<b>55.0</b>	47.1	53.1	61.6	67.3	77.5	<b>2.22</b>	9.80%
Median Adjusted Growth Percentile - School's Lowest Third	93	<b>71.0</b>	62.6	68.0	76.0	81.3	90.7	<b>2.38</b>	9.80%
<b>State Test Results - Math</b>									
Average Student Proficiency	267	<b>2.47</b>	1.81	2.13	2.34	2.58	2.91	<b>3.54</b>	9.80%
Percentage of Students at Level 3 or 4	267	<b>21.0%</b>	0.0%	9.6%	16.7%	24.7%	34.7%	<b>3.54</b>	9.80%
● Median Adjusted Growth Percentile	262	<b>71.0</b>	41.4	49.3	60.8	68.4	82.0	<b>4.19</b>	9.80%
Median Adjusted Growth Percentile - School's Lowest Third	92	<b>79.5</b>	57.8	64.2	73.6	79.8	90.8	<b>3.95</b>	9.80%
<b>Core Course Pass Rates</b>									
ELA	268	<b>84.7%</b>	66.6%	76.1%	83.1%	91.0%	100.0%	<b>3.20</b>	1.96%
Math	268	<b>77.2%</b>	67.2%	76.5%	83.4%	91.2%	100.0%	<b>2.10</b>	1.96%
Science	268	<b>90.7%</b>	71.9%	80.0%	85.9%	92.5%	100.0%	<b>3.73</b>	1.96%
Social Studies	268	<b>85.1%</b>	67.4%	76.8%	83.6%	91.3%	100.0%	<b>3.19</b>	1.96%
Percent of 8th Graders Earning HS Credit	90	<b>17.8%</b>	0.0%	13.4%	23.4%	34.5%	47.3%	<b>2.44</b>	3.92%
9th Grade Adjusted Credit Accumulation of Former 8th Graders	80	<b>87.0%</b>	57.0%	69.0%	78.0%	89.0%	100.0%	<b>3.82</b>	9.80%
								<b>Weighted Average Score</b>	<b>3.05</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	6.0%	31.1%	<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	21	7.9%	43.4%	<b>0.0%</b>	0.0%	1.6%	3.2%	5.1%	8.4%	<b>1.00</b>	0.030	0.000
○ SETSS	14	5.2%	55.9%	<b>0.0%</b>	0.0%	2.6%	5.2%	8.2%	13.6%	<b>1.00</b>	0.030	0.000
<b>Math - Percent at Level 3 or 4</b>												
● Self-Contained	16	6.0%	31.7%	<b>6.3%</b>	0.0%	0.7%	1.4%	2.3%	3.8%	<b>4.99</b>	0.030	0.030
○ Integrated Co-Teaching	21	7.9%	43.6%	<b>0.0%</b>	0.0%	2.4%	4.8%	7.6%	12.6%	<b>1.00</b>	0.030	0.000
SETSS	14	5.2%	56.5%	<b>7.1%</b>	0.0%	3.3%	6.6%	10.4%	17.2%	<b>3.13</b>	0.030	0.016
<b>ELA - Percent at 75th+ Growth Percentile</b>												
ELL	59	22.7%	50.8%	<b>33.9%</b>	17.2%	27.0%	36.6%	47.8%	68.0%	<b>2.72</b>	0.030	0.013
○ Lowest Third Citywide	130	50.0%	63.9%	<b>38.5%</b>	31.5%	39.4%	47.2%	56.3%	72.7%	<b>1.89</b>	0.030	0.007
○ Black and Hispanic Males in Lowest Third Citywide	72	27.7%	62.0%	<b>33.3%</b>	29.6%	38.0%	46.2%	55.9%	73.2%	<b>1.44</b>	0.030	0.003
SC/ICT/SETSS	49	18.8%	40.7%	<b>42.9%</b>	35.0%	42.9%	50.8%	60.0%	76.4%	<b>2.00</b>	0.030	0.008
<b>Math - Percent at 75th+ Growth Percentile</b>												
● ELL	61	23.3%	48.0%	<b>54.1%</b>	12.4%	22.8%	33.0%	45.0%	66.4%	<b>4.43</b>	0.030	0.026
● Lowest Third Citywide	116	44.3%	54.4%	<b>60.3%</b>	24.4%	34.1%	43.7%	54.9%	75.0%	<b>4.27</b>	0.030	0.025
● Black and Hispanic Males in Lowest Third Citywide	61	23.3%	52.4%	<b>62.3%</b>	24.1%	34.0%	43.7%	55.1%	75.5%	<b>4.35</b>	0.030	0.025
● SC/ICT/SETSS	49	18.7%	41.5%	<b>57.1%</b>	25.8%	34.5%	43.0%	53.1%	71.0%	<b>4.22</b>	0.030	0.024
ELL Progress	40	14.9%	41.3%	<b>37.5%</b>	11.3%	22.8%	34.2%	47.5%	71.3%	<b>3.25</b>	0.030	0.017
											<b>CtAG Additional Points</b>	<b>0.19</b>
											<b>Overall Student Achievement Score</b>	<b>3.24</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	Well Developed	4.99	22%
Quality Review 1.2	Proficient	3.40	22%
Quality Review 2.2	Well Developed	4.99	22%
NYC School Survey - Rigorous Instruction	82%	2.56	34%
<b>Section Rating: Meeting Target</b>		<b>Section Score:</b>	<b>3.80</b>

<b>Collaborative Teachers</b>			
Quality Review 4.2	Well Developed	4.99	50%
NYC School Survey - Collaborative Teachers	82%	2.76	50%
<b>Section Rating: Meeting Target</b>		<b>Section Score:</b>	<b>3.88</b>

<b>Supportive Environment</b>			
Quality Review 3.4	Well Developed	4.99	30%
NYC School Survey - Supportive Environment	80%	2.68	35%
Percentage of students with 90%+ attendance			
EMS	74.2%	2.68	
HS	66.3%	3.28	
Overall	70.3%	3.00	30%
Movement of students with disabilities to less restrictive environments			
EMS	0.52	3.90	
HS	0.44	2.86	
Overall	0.48	3.38	5%
<b>Section Rating: Meeting Target</b>		<b>Section Score:</b>	<b>3.52</b>

<b>Effective School Leadership</b>			
NYC School Survey - Effective School Leadership	79%	2.92	100%
<b>Section Rating: Approaching Target</b>		<b>Section Score:</b>	<b>2.92</b>

<b>Strong Family-Community Ties</b>			
NYC School Survey - Strong Family-Community Ties	77%	2.96	100%
<b>Section Rating: Approaching Target</b>		<b>Section Score:</b>	<b>2.96</b>

<b>Trust</b>			
NYC School Survey - Trust	86%	3.08	100%
<b>Section Rating: Meeting Target</b>		<b>Section Score:</b>	<b>3.08</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	87	78.0	90.2	100.0	0.39	2.56
Common Core shifts in math	Teachers	85	73.4	86.8	100.0	0.45	2.80
Course clarity	Students	87	79.8	87.6	95.4	0.44	2.76
Quality of student discussion	Teachers	70	58.6	79.2	99.8	0.27	2.08
<b>Section Results:</b>		<b>82%</b>					<b>2.56</b>
<b>Collaborative Teachers</b>							
Cultural awareness:							
Cultural awareness	Teachers	87	85.7	94.3	100.0	0.25	
Cultural awareness	Parents	92	85.4	92.4	99.4	0.50	
Cultural awareness	Students	77	69.5	80.9	92.3	0.35	
Cultural awareness	Combined	85				0.37	2.48
o Inclusive classroom instruction	Teachers	84	81.4	92.4	100.0	0.11	1.44
Quality of professional development	Teachers	64	45.8	75.2	100.0	0.34	2.36
School commitment	Teachers	84	60.1	85.3	100.0	0.59	3.36
Innovation	Teachers	77	63.0	84.2	100.0	0.39	2.56
Reflective dialogue	Teachers	94	85.6	95.2	100.0	0.58	3.32
Peer collaboration	Teachers	90	72.0	89.8	100.0	0.63	3.52
Focus on student learning	Teachers	83	64.0	86.6	100.0	0.53	3.12
Collective responsibility	Teachers	73	54.5	80.5	100.0	0.40	2.60
<b>Section Results:</b>		<b>82%</b>					<b>2.76</b>
<b>Supportive Environment</b>							
Safety:							
Safety	Teachers						
Safety	Students	82	69.7	83.1	96.5	0.45	
Safety	Combined	82				0.45	2.80
Classroom behavior:							
Classroom behavior	Teachers						
Classroom behavior	Students	75	67.0	80.4	93.8	0.30	
Classroom behavior	Combined	75				0.30	2.20
• Social-emotional measure	Teachers	95	86.5	95.3	100.0	0.75	4.00
Peer interactions	Students	72	63.1	76.5	89.9	0.34	2.36
Next-level guidance	Students	80	72.1	83.3	94.5	0.34	2.36
Press toward academic achievement:							
Press toward academic achievement	Teachers						
Press toward academic achievement	Students	84	80.3	87.9	95.5	0.26	
Press toward academic achievement	Combined	84				0.26	2.04
Personal attention and support	Students	84	73.6	83.0	92.4	0.53	3.12
Peer support for academic work:							
Peer support for academic work	Teachers						
Peer support for academic work	Parents	82	72.8	86.8	100.0	0.35	
Peer support for academic work	Students	60	45.3	61.7	78.1	0.46	
Peer support for academic work	Combined	71				0.40	2.60
<b>Section Results:</b>		<b>80%</b>					<b>2.68</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	82	76.7	88.9	100.0	0.23	1.92
Teacher influence	Teachers	72	44.5	71.1	97.7	0.51	3.04
Program coherence	Teachers	81	52.0	80.8	100.0	0.61	3.44
Principal instructional leadership	Teachers	81	56.6	85.0	100.0	0.57	3.28
<b>Section Results:</b>		79%					<b>2.92</b>
<b>Strong Family Community Ties</b>							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	89	77.3	90.9	100.0	0.52	
Teacher outreach to parents	Parents	86	76.9	88.1	99.3	0.41	
Teacher outreach to parents	Combined	88				0.46	2.84
Parent involvement in the schools	Parents	65	48.2	65.0	81.8	0.51	3.04
<b>Section Results:</b>		77%					<b>2.96</b>
<b>Trust</b>							
Parent-teacher trust	Parents	92	86.5	93.3	100.0	0.50	3.00
Parent-principal trust	Parents	90	84.5	93.1	100.0	0.50	3.00
Student-teacher trust	Students	81	69.1	79.9	90.7	0.54	3.16
Teacher-principal trust	Teachers	84	56.9	85.9	100.0	0.63	3.52
Teacher-teacher trust	Teachers	85	74.0	90.8	100.0	0.42	2.68
<b>Section Results:</b>		86%					<b>3.08</b>

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

09X241

Urban Assembly School for Applied Math and 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
<b>State Test Results - ELA*</b>					
Average Student Proficiency	2.23	2.18 or lower	2.19 to 2.25	2.26 to 2.31	2.32 or higher
Average Student Proficiency - School's Lowest Third	1.92	1.85 or lower	1.86 to 1.94	1.95 to 2.00	2.01 or higher
Percentage of Students at Level 3 or 4	7.5%	8.5% or lower	8.6% to 12.2%	12.3% to 15.2%	15.3% or higher
<b>State Test Results - Math*</b>					
Average Student Proficiency	2.47	2.13 or lower	2.14 to 2.26	2.27 to 2.37	2.38 or higher
Average Student Proficiency - School's Lowest Third	2.02	1.79 or lower	1.80 to 1.91	1.92 to 2.01	2.02 or higher
Percentage of Students at Level 3 or 4	21.0%	9.2% or lower	9.3% to 14.4%	14.5% to 18.7%	18.8% or higher
<b>Core Course Pass Rates</b>					
ELA	84.7%	78.4% or lower	78.5% to 83.4%	83.5% to 87.6%	87.7% or higher
Math	77.2%	79.1% or lower	79.2% to 84.0%	84.1% to 88.0%	88.1% or higher
Science	90.7%	81.8% or lower	81.9% to 86.0%	86.1% to 89.5%	89.6% or higher
Social Studies	85.1%	77.3% or lower	77.4% to 82.6%	82.7% to 87.0%	87.1% or higher
Percent of 8th Graders Earning HS Credit	17.8%	12.6% or lower	12.7% to 19.8%	19.9% to 25.6%	25.7% or higher
9th Grade Adjusted Credit Accumulation of Former 8th Graders	87.0%	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
<b>ELA - Average Proficiency Rating</b>					
Self-Contained	1.83	1.78 or lower	1.79 to 1.84	1.85 to 1.90	1.91 or higher
Integrated Co-Teaching	1.95	1.95 or lower	1.96 to 2.02	2.03 to 2.09	2.10 or higher
SETSS	2.02	1.99 or lower	2.00 to 2.10	2.11 to 2.19	2.20 or higher
ELL	2.12	1.95 or lower	1.96 to 2.07	2.08 to 2.16	2.17 or higher
Lowest Third Citywide	1.95	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	1.91	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	2.01	1.75 or lower	1.76 to 1.84	1.85 to 1.91	1.92 or higher
Integrated Co-Teaching	2.04	1.83 or lower	1.84 to 1.95	1.96 to 2.05	2.06 or higher
SETSS	2.11	1.85 or lower	1.86 to 2.00	2.01 to 2.13	2.14 or higher
ELL	2.40	1.95 or lower	1.96 to 2.11	2.12 to 2.24	2.25 or higher
Lowest Third Citywide	2.08	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	2.10	1.83 or lower	1.84 to 1.90	1.91 to 1.99	2.00 or higher
ELL Progress	37.5%	26.3% or lower	26.4% to 36.1%	36.2% to 44.1%	44.2% 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	74.2%	66.2% or lower	66.3% to 72.0%	72.1% to 76.8%	76.9% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.52	0.18 or lower	0.19 to 0.28	0.29 to 0.37	0.38 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.