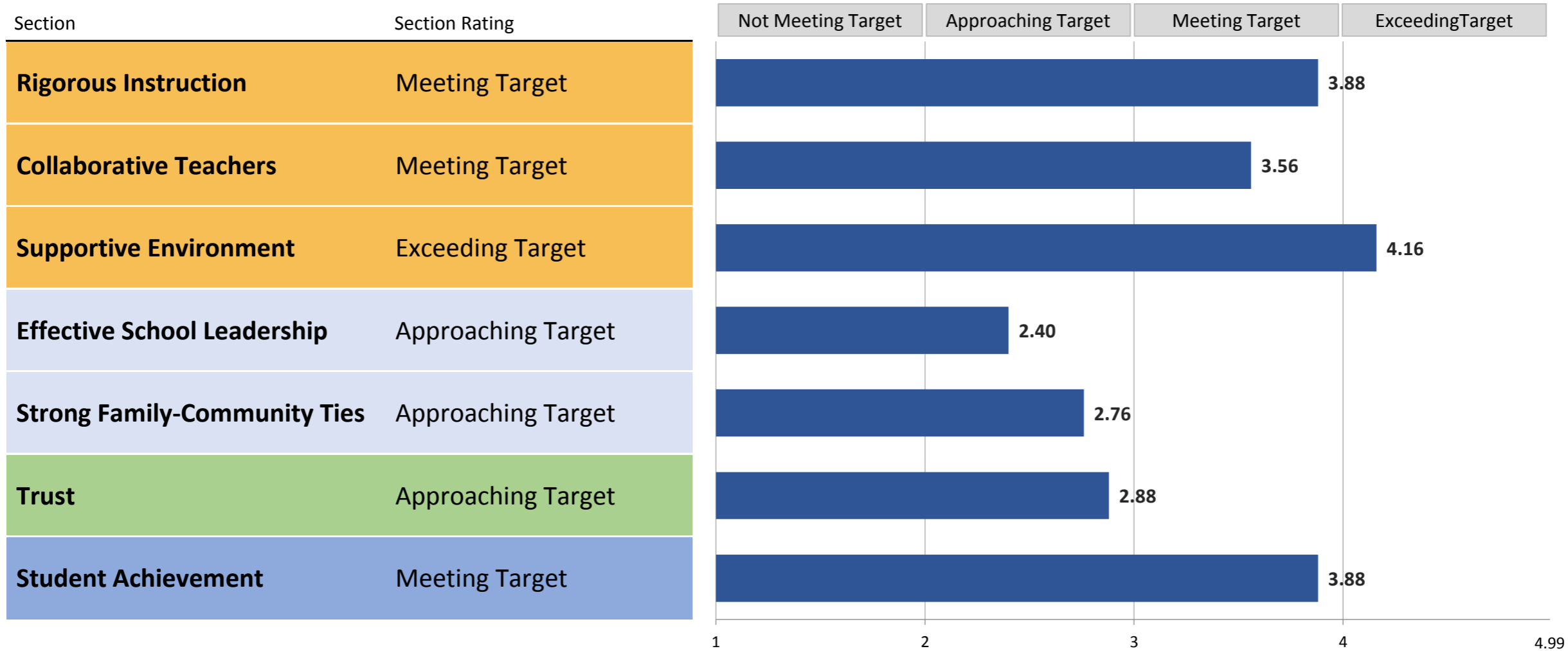


Framework for Great Schools

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

Grade	2012 - 2013	2013 - 2014	2014 - 2015
Grade 6	94	98	96
Grade 7	169	91	101
Grade 8	151	161	91
All students	414	350	288

Student Demographics

	2012 - 2013	2013 - 2014	2014 - 2015
% English Language Learners	8%	7%	10%
% Free Lunch Eligible	92%	92%	94%
% Student with IEPs	18%	19%	23%
% Student with IEPs (less than 20% time)	5%	8%	8%
% HRA Eligible	-	77%	72%
% Temporary Housing	-	7%	10%
% Asian	0%	1%	1%
% Black	26%	24%	21%
% Hispanic	73%	75%	77%
% White	0%	1%	1%
% Other	0%	0%	0%
Average Incoming ELA Proficiency	2.87	2.64	2.59
Average Incoming Math Proficiency	3.30	2.92	2.87

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

07X223

M.S. 223 The Laboratory School of Finance and Technology

Student Achievement Rating	Student Achievement Score
Meeting Target	3.88

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	281	2.62	2.17	2.42	2.54	2.66	2.87	3.67	9.80%
● Percentage of Students at Level 3 or 4	281	30.2%	9.5%	18.2%	23.8%	30.2%	37.8%	4.00	9.80%
Median Adjusted Growth Percentile	277	62.0	51.4	56.1	62.8	67.2	75.2	2.88	9.80%
Median Adjusted Growth Percentile - School's Lowest Third	95	75.0	63.4	68.0	74.7	79.1	87.2	3.07	9.80%
State Test Results - Math									
Average Student Proficiency	282	2.68	2.05	2.38	2.57	2.78	3.06	3.52	9.80%
Percentage of Students at Level 3 or 4	282	30.9%	5.9%	17.8%	26.5%	36.2%	47.2%	3.45	9.80%
Median Adjusted Growth Percentile	279	59.0	44.1	50.8	60.5	66.9	78.4	2.85	9.80%
● Median Adjusted Growth Percentile - School's Lowest Third	98	77.0	57.5	63.0	71.0	76.3	85.9	4.07	9.80%
Core Course Pass Rates									
● ELA	283	96.8%	76.0%	83.7%	88.5%	93.9%	100.0%	4.48	1.96%
● Math	283	96.1%	73.3%	81.3%	86.8%	93.0%	100.0%	4.44	1.96%
● Science	283	98.9%	74.8%	82.4%	87.6%	93.4%	100.0%	4.83	1.96%
● Social Studies	283	99.3%	71.7%	80.3%	86.1%	92.6%	100.0%	4.91	1.96%
Percent of 8th Graders Earning HS Credit	88	48.9%	0.0%	19.2%	33.5%	49.5%	69.7%	3.96	3.92%
● 9th Grade Adjusted Credit Accumulation of Former 8th Graders	151	97.0%	72.0%	80.0%	86.0%	92.0%	99.0%	4.71	9.80%
								Weighted Average Score	3.68

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	26	9.3%	48.2%	0.0%	0.0%	0.4%	0.8%	1.3%	2.2%	1.00	0.030	0.000
● Integrated Co-Teaching	36	12.8%	70.3%	5.6%	0.0%	1.6%	3.2%	5.1%	8.4%	4.15	0.030	0.024
SETSS	3	1.1%	11.8%		0.0%	2.6%	5.2%	8.2%	13.6%		0.030	0.000
Math - Percent at Level 3 or 4												
○ Self-Contained	27	9.6%	50.8%	0.0%	0.0%	0.7%	1.4%	2.3%	3.8%	1.00	0.030	0.000
Integrated Co-Teaching	36	12.8%	70.7%	5.6%	0.0%	2.4%	4.8%	7.6%	12.6%	3.29	0.030	0.017
SETSS	3	1.1%	12.0%		0.0%	3.3%	6.6%	10.4%	17.2%		0.030	0.000
ELA - Percent at 75th+ Growth Percentile												
ELL	63	22.7%	50.8%	39.7%	17.2%	27.0%	36.6%	47.8%	68.0%	3.28	0.030	0.017
● Lowest Third Citywide	69	24.9%	29.1%	60.9%	31.5%	39.4%	47.2%	56.3%	72.7%	4.28	0.030	0.025
● Black and Hispanic Males in Lowest Third Citywide	36	13.0%	29.1%	63.9%	29.6%	38.0%	46.2%	55.9%	73.2%	4.46	0.030	0.026
SC/ICT/SETSS	64	23.1%	53.8%	53.1%	35.0%	42.9%	50.8%	60.0%	76.4%	3.25	0.030	0.017
Math - Percent at 75th+ Growth Percentile												
ELL	63	22.6%	46.6%	31.7%	12.4%	22.8%	33.0%	45.0%	66.4%	2.87	0.030	0.014
Lowest Third Citywide	67	24.0%	29.1%	53.7%	24.4%	34.1%	43.7%	54.9%	75.0%	3.89	0.030	0.022
Black and Hispanic Males in Lowest Third Citywide	29	10.4%	23.4%	44.8%	24.1%	34.0%	43.7%	55.1%	75.5%		0.030	0.000
SC/ICT/SETSS	65	23.3%	55.7%	44.6%	25.8%	34.5%	43.0%	53.1%	71.0%	3.16	0.030	0.016
ELL Progress	28	9.7%	26.9%	42.9%	11.3%	22.8%	34.2%	47.5%	71.3%	3.65	0.030	0.020
											CtAG Additional Points	0.20
											Overall Student Achievement Score	3.88

- 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	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	84%	2.76	34%
Section Rating: Meeting Target		Section Score:	3.88

Collaborative Teachers			
Quality Review 4.2	Well Developed	4.99	50%
NYC School Survey - Collaborative Teachers	76%	2.08	50%
Section Rating: Meeting Target		Section Score:	3.56

Supportive Environment			
Quality Review 3.4	Well Developed	4.99	30%
NYC School Survey - Supportive Environment	85%	3.44	35%
Percentage of students with 90%+ attendance			
EMS	87.9%	3.96	
HS	80.2%	4.72	
Overall	84.1%	4.32	30%
Movement of students with disabilities to less restrictive environments			
EMS	0.35	3.05	
HS	0.65	3.85	
Overall	0.50	3.45	5%
Section Rating: Exceeding Target		Section Score:	4.16

Effective School Leadership			
NYC School Survey - Effective School Leadership	71%	2.40	100%
Section Rating: Approaching Target		Section Score:	2.40

Strong Family-Community Ties			
NYC School Survey - Strong Family-Community Ties	75%	2.76	100%
Section Rating: Approaching Target		Section Score:	2.76

Trust			
NYC School Survey - Trust	82%	2.88	100%
Section Rating: Approaching Target		Section Score:	2.88

		Survey % Positive	City Range			Percent of Range	Score	
			Bottom of Range	City Avg	Top of Range			
Rigorous Instruction								
○	Common Core shifts in literacy	Teachers	78	78.0	90.2	100.0	0.01	1.04
	Common Core shifts in math	Teachers	86	73.4	86.8	100.0	0.47	2.88
●	Course clarity	Students	92	79.8	87.6	95.4	0.80	4.20
	Quality of student discussion	Teachers	78	58.6	79.2	99.8	0.47	2.88
Section Results:			84%					2.76
Collaborative Teachers								
Cultural awareness:								
	Cultural awareness	Teachers	87	85.7	94.3	100.0	0.25	
	Cultural awareness	Parents	95	85.4	92.4	99.4	0.75	
	Cultural awareness	Students	86	69.5	80.9	92.3	0.74	
	Cultural awareness	Combined	90				0.58	3.32
○	Inclusive classroom instruction	Teachers	81	81.4	92.4	100.0	0.00	1.00
○	Quality of professional development	Teachers	53	45.8	75.2	100.0	0.13	1.52
	School commitment	Teachers	80	60.1	85.3	100.0	0.49	2.96
○	Innovation	Teachers	72	63.0	84.2	100.0	0.24	1.96
	Reflective dialogue	Teachers	91	85.6	95.2	100.0	0.50	3.00
○	Peer collaboration	Teachers	73	72.0	89.8	100.0	0.02	1.08
○	Focus on student learning	Teachers	70	64.0	86.6	100.0	0.16	1.64
	Collective responsibility	Teachers	71	54.5	80.5	100.0	0.35	2.40
Section Results:			76%					2.08
Supportive Environment								
Safety:								
	Safety	Teachers						
	Safety	Students	88	69.7	83.1	96.5	0.66	
	Safety	Combined	88				0.66	3.64
Classroom behavior:								
	Classroom behavior	Teachers						
	Classroom behavior	Students	84	67.0	80.4	93.8	0.65	
	Classroom behavior	Combined	84				0.65	3.60
	Social-emotional measure	Teachers	87	86.5	95.3	100.0	0.25	2.00
	Peer interactions	Students	80	63.1	76.5	89.9	0.62	3.48
	Next-level guidance	Students	88	72.1	83.3	94.5	0.73	3.92
Press toward academic achievement:								
	Press toward academic achievement	Teachers						
	Press toward academic achievement	Students	91	80.3	87.9	95.5	0.73	
	Press toward academic achievement	Combined	91				0.73	3.92
	Personal attention and support	Students	87	73.6	83.0	92.4	0.71	3.84
Peer support for academic work:								
	Peer support for academic work	Teachers						
	Peer support for academic work	Parents	89	72.8	86.8	100.0	0.60	
	Peer support for academic work	Students	58	45.3	61.7	78.1	0.40	
	Peer support for academic work	Combined	74				0.50	3.00
Section Results:			85%					3.44

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Effective School Leadership							
Inclusive principal leadership	Parents	89	76.7	88.9	100.0	0.54	3.16
Teacher influence	Teachers	61	44.5	71.1	97.7	0.32	2.28
Program coherence	Teachers	72	52.0	80.8	100.0	0.41	2.64
○ Principal instructional leadership	Teachers	61	56.6	85.0	100.0	0.11	1.44
Section Results:		71%					2.40
Strong Family Community Ties							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	82	77.3	90.9	100.0	0.23	
Teacher outreach to parents	Parents	92	76.9	88.1	99.3	0.65	
Teacher outreach to parents	Combined	87				0.44	2.76
Parent involvement in the schools	Parents	63	48.2	65.0	81.8	0.44	2.76
Section Results:		75%					2.76
Trust							
● Parent-teacher trust	Parents	95	86.5	93.3	100.0	0.75	4.00
● Parent-principal trust	Parents	96	84.5	93.1	100.0	0.75	4.00
● Student-teacher trust	Students	86	69.1	79.9	90.7	0.77	4.08
○ Teacher-principal trust	Teachers	57	56.9	85.9	100.0	0.00	1.00
○ Teacher-teacher trust	Teachers	76	74.0	90.8	100.0	0.06	1.24
Section Results:		82%					2.88

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

07X223

M.S. 223 The Laboratory School of Finance and Tech

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	2.62	2.40 or lower	2.41 to 2.48	2.49 to 2.54	2.55 or higher
Average Student Proficiency - School's Lowest Third	2.07	1.90 or lower	1.91 to 1.98	1.99 to 2.05	2.06 or higher
Percentage of Students at Level 3 or 4	30.2%	20.3% or lower	20.4% to 24.0%	24.1% to 27.0%	27.1% or higher
State Test Results - Math*					
Average Student Proficiency	2.68	2.39 or lower	2.40 to 2.51	2.52 to 2.62	2.63 or higher
Average Student Proficiency - School's Lowest Third	2.08	1.82 or lower	1.83 to 1.94	1.95 to 2.03	2.04 or higher
Percentage of Students at Level 3 or 4	30.9%	20.1% or lower	20.2% to 25.9%	26.0% to 30.7%	30.8% or higher
Core Course Pass Rates					
ELA	96.8%	78.9% or lower	79.0% to 83.8%	83.9% to 87.9%	88.0% or higher
Math	96.1%	80.4% or lower	80.5% to 85.0%	85.1% to 88.7%	88.8% or higher
Science	98.9%	82.5% or lower	82.6% to 86.6%	86.7% to 89.9%	90.0% or higher
Social Studies	99.3%	78.1% or lower	78.2% to 83.2%	83.3% to 87.4%	87.5% or higher
Percent of 8th Graders Earning HS Credit	48.9%	14.7% or lower	14.8% to 23.1%	23.2% to 30.0%	30.1% or higher
9th Grade Adjusted Credit Accumulation of Former 8th Graders	97.0%	80.9% or lower	81.0% to 84.9%	85.0% to 88.9%	89.0% 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	2.19	2.06 or lower	2.07 to 2.13	2.14 to 2.20	2.21 or higher
SETSS		2.08 or lower	2.09 to 2.20	2.21 to 2.29	2.30 or higher
ELL	2.31	2.06 or lower	2.07 to 2.18	2.19 to 2.27	2.28 or higher
Lowest Third Citywide	1.98	1.92 or lower	1.93 to 1.97	1.98 to 2.01	2.02 or higher
Black and Hispanic Males in Lowest Third Citywide	1.99	1.89 or lower	1.90 to 1.94	1.95 to 1.99	2.00 or higher
Math - Average Proficiency Rating					
Self-Contained	1.71	1.71 or lower	1.72 to 1.79	1.80 to 1.89	1.90 or higher
Integrated Co-Teaching	2.18	2.02 or lower	2.03 to 2.14	2.15 to 2.24	2.25 or higher
SETSS		2.05 or lower	2.06 to 2.21	2.22 to 2.33	2.34 or higher
ELL	2.45	2.16 or lower	2.17 to 2.32	2.33 to 2.45	2.46 or higher
Lowest Third Citywide	1.90	1.84 or lower	1.85 to 1.91	1.92 to 1.99	2.00 or higher
Black and Hispanic Males in Lowest Third Citywide	1.88	1.82 or lower	1.83 to 1.89	1.90 to 1.99	2.00 or higher
ELL Progress	42.9%	29.9% or lower	30.0% to 39.7%	39.8% to 47.7%	47.8% 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	87.9%	67.9% or lower	68.0% to 73.8%	73.9% to 78.6%	78.7% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.35	0.19 or lower	0.20 to 0.31	0.32 to 0.40	0.41 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.