

2014-15 School Quality Guide / ES

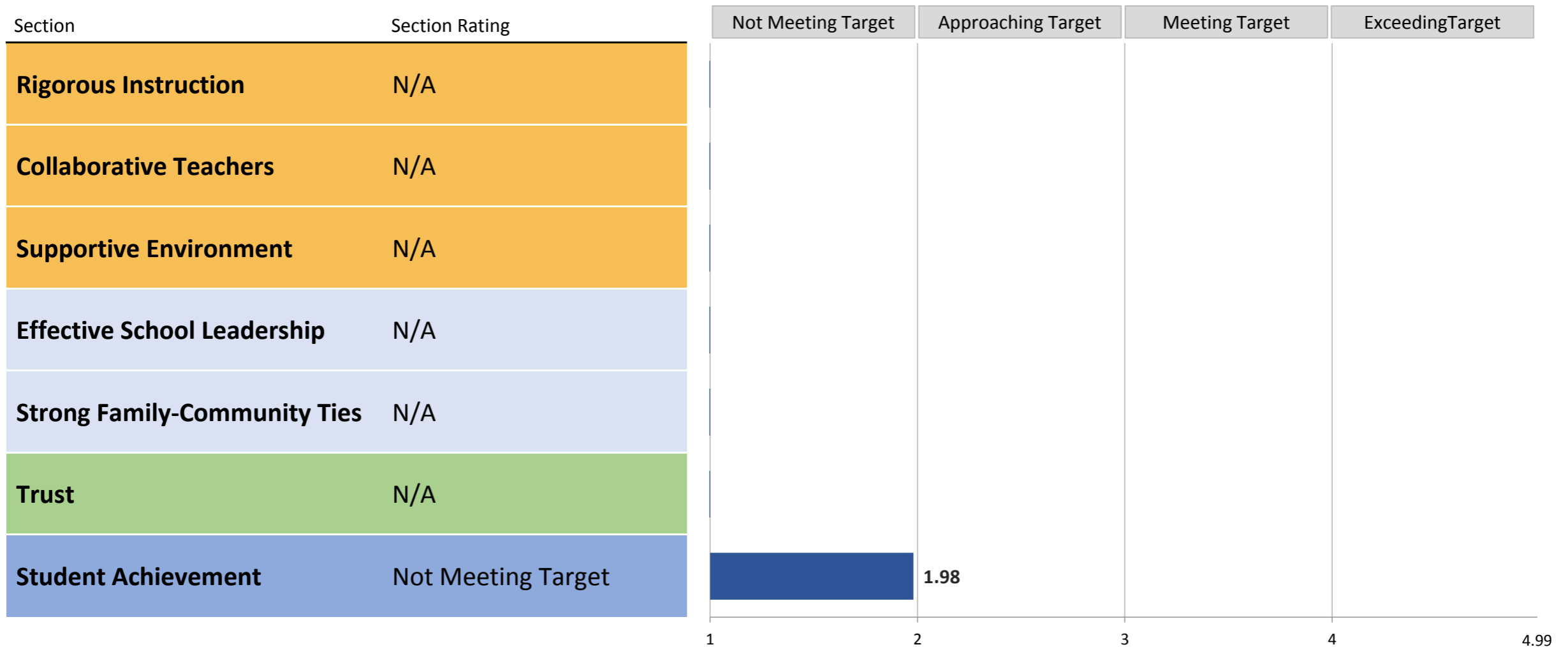
Summary of Section Ratings

03M241

STEM Institute of Manhattan

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
Kindergarten	19	21	16
Grade 1	20	19	27
Grade 2	13	16	13
Grade 3	13	18	20
Grade 4	16	8	16
Grade 5	20	17	8
All students	101	99	100

Student Demographics

	2012 - 2013	2013 - 2014	2014 - 2015
% English Language Learners	13%	13%	14%
% Free Lunch Eligible	92%	92%	92%
% Student with IEPs	27%	32%	39%
% Student with IEPs (less than 20% time)	10%	11%	16%
% HRA Eligible	-	89%	71%
% Temporary Housing	-	23%	24%
% Asian	2%	2%	2%
% Black	63%	58%	48%
% Hispanic	35%	38%	46%
% White	0%	2%	4%
% Other	0%	0%	0%

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Student Achievement Scoring Appendix

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Student Achievement Rating	Student Achievement Score
Not Meeting Target	1.98

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	43	1.97	1.89	2.07	2.19	2.32	2.61	1.44	9.09%
○ Percentage of Students at Level 3 or 4	43	4.7%	0.0%	7.0%	12.0%	17.7%	29.8%	1.67	9.09%
○ Median Adjusted Growth Percentile	22	61.0	46.1	55.1	62.8	68.2	81.2	2.77	9.09%
○ Median Adjusted Growth Percentile - School's Lowest Third	16	69.5	62.9	71.0	77.8	82.6	93.8	1.81	9.09%
○ Early Grade Progress	19	1.18	0.11	0.81	1.44	1.87	2.92	2.59	9.09%
State Test Results - Math									
○ Average Student Proficiency	42	1.93	1.86	2.10	2.26	2.44	2.81	1.29	9.09%
○ Percentage of Students at Level 3 or 4	42	4.8%	0.0%	8.6%	14.8%	21.8%	36.9%	1.56	9.09%
○ Median Adjusted Growth Percentile	22	48.0	35.9	48.1	58.6	66.0	83.4	1.99	9.09%
○ Median Adjusted Growth Percentile - School's Lowest Third	16	53.0	54.6	64.7	73.6	79.8	94.5	1.00	9.09%
○ Early Grade Progress	19	0.95	0.02	0.99	1.84	2.43	3.92	1.96	9.09%
MS Adjusted Core Course Pass Rate of Former Students	15	86.4%	73.0%	80.6%	86.1%	92.3%	100.0%	3.05	9.09%
								Weighted Average Score	1.92

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	8	18.6%	91.6%	0.0%	0.0%	1.1%	1.9%	2.7%	4.6%	1.00	0.030	0.000
○ Integrated Co-Teaching	10	23.3%	100.0%	0.0%	0.0%	3.7%	6.5%	9.3%	15.8%	1.00	0.030	0.000
○ SETSS	3	7.0%	66.7%		0.0%	3.5%	6.2%	8.9%	15.0%		0.030	0.000
Math - Percent at Level 3 or 4												
○ Self-Contained	8	19.0%	94.5%	0.0%	0.0%	2.9%	5.2%	7.4%	12.6%	1.00	0.030	0.000
○ Integrated Co-Teaching	10	23.8%	100.0%	0.0%	0.0%	7.2%	12.9%	18.4%	31.2%	1.00	0.030	0.000
○ SETSS	3	7.1%	68.3%		0.0%	6.6%	11.7%	16.8%	28.4%		0.030	0.000
ELA - Percent at 75th+ Growth Percentile												
○ ELL	9	40.9%	87.4%	33.3%	12.7%	26.0%	36.3%	46.4%	69.9%	2.71	0.030	0.013
○ Lowest Third Citywide	17	77.3%	100.0%	35.3%	28.0%	38.8%	47.1%	55.4%	74.4%	1.68	0.030	0.005
○ Black and Hispanic Males in Lowest Third Citywide	10	45.5%	100.0%	30.0%	23.6%	36.2%	45.9%	55.6%	77.8%	1.51	0.030	0.004
○ SC/ICT/SETSS	9	40.9%	100.0%	44.4%	22.0%	34.9%	44.8%	54.7%	77.4%	2.96	0.030	0.015
Math - Percent at 75th+ Growth Percentile												
○ ELL	9	40.9%	84.0%	0.0%	7.8%	22.3%	33.5%	44.6%	70.2%	1.00	0.030	0.000
○ Lowest Third Citywide	16	72.7%	99.9%	18.8%	19.1%	32.5%	42.8%	53.1%	76.7%	1.00	0.030	0.000
○ Black and Hispanic Males in Lowest Third Citywide	9	40.9%	100.0%	33.3%	14.4%	29.5%	41.2%	52.8%	79.4%	2.32	0.030	0.010
○ SC/ICT/SETSS	9	40.9%	100.0%	11.1%	15.4%	29.5%	40.4%	51.3%	76.2%	1.00	0.030	0.000
ELL Progress	13	13.0%	33.0%	46.2%	31.6%	44.8%	55.1%	65.2%	88.6%	2.14	0.030	0.009
											CtAG Additional Points	0.06
											Overall Student Achievement Score	1.98

- 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	
Quality Review 1.2	Developing	2.00	
Quality Review 2.2	Developing	2.00	
NYC School Survey - Rigorous Instruction			
Section Rating:	Section Score:		

Collaborative Teachers			
Quality Review 4.2	Developing	2.00	
NYC School Survey - Collaborative Teachers	94%	3.00	
Section Rating:	Section Score:		

Supportive Environment			
Quality Review 3.4	Developing	2.00	
NYC School Survey - Supportive Environment	91%	3.00	
Percentage of students with 90%+ attendance			
EMS	67.0%	2.92	
HS			
Overall	67.0%	2.92	
Movement of students with disabilities to less restrictive environments			
EMS	0.07	1.50	
HS			
Overall	0.07	1.50	
Section Rating:	Section Score:		

Effective School Leadership			
NYC School Survey - Effective School Leadership	95%	4.08	
Section Rating:	Section Score:		

Strong Family-Community Ties			
NYC School Survey - Strong Family-Community Ties	88%	3.72	
Section Rating:	Section Score:		

Trust			
NYC School Survey - Trust	94%	3.16	
Section Rating:	Section Score:		

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Rigorous Instruction							
Common Core shifts in literacy	Teachers		86.4	94.8	100.0		
Common Core shifts in math	Teachers		83.3	93.1	100.0		
Course clarity	Students		84.3	92.7	100.0		
Quality of student discussion	Teachers		68.7	85.3	100.0		
Section Results:							
Collaborative Teachers							
Cultural awareness:							
Cultural awareness	Teachers		85.4	95.0	100.0		
Cultural awareness	Parents	94	90.5	94.9	99.3	0.50	
Cultural awareness	Students		68.6	87.4	100.0		
Cultural awareness	Combined	94				0.50	3.00
Inclusive classroom instruction	Teachers		84.2	94.6	100.0		
Quality of professional development	Teachers		51.4	77.4	100.0		
School commitment	Teachers		59.9	85.3	100.0		
Innovation	Teachers		70.3	86.7	100.0		
Reflective dialogue	Teachers		87.9	95.9	100.0		
Peer collaboration	Teachers		77.6	92.2	100.0		
Focus on student learning	Teachers		68.2	89.0	100.0		
Collective responsibility	Teachers		65.7	84.7	100.0		
Section Results:		94%					3.00
Supportive Environment							
Safety:							
Safety	Teachers		80.0	94.6	100.0		
Safety	Students		74.5	88.5	100.0		
Safety	Combined						
Classroom behavior:							
Classroom behavior	Teachers		66.9	85.5	100.0		
Classroom behavior	Students		67.3	84.3	100.0		
Classroom behavior	Combined						
Social-emotional measure	Teachers		89.0	96.6	100.0		
Peer interactions	Students		68.2	84.8	100.0		
Next-level guidance	Students						
Press toward academic achievement:							
Press toward academic achievement	Teachers		75.0	88.8	100.0		
Press toward academic achievement	Students		85.3	91.9	98.5		
Press toward academic achievement	Combined						
Personal attention and support	Students		77.8	89.6	100.0		
Peer support for academic work:							
Peer support for academic work	Teachers		76.5	91.5	100.0		
Peer support for academic work	Parents	91	88.4	94.8	100.0	0.50	
Peer support for academic work	Students		50.4	73.8	97.2		
Peer support for academic work	Combined	91				0.50	3.00
Section Results:		91%					3.00

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Effective School Leadership							
• Inclusive principal leadership	Parents	95	79.3	90.9	100.0	0.77	4.08
Teacher influence	Teachers		28.8	60.8	92.8		
Program coherence	Teachers		60.0	85.2	100.0		
Principal instructional leadership	Teachers		61.6	87.0	100.0		
Section Results:		95%					4.08
Strong Family Community Ties							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers		84.5	94.5	100.0		
Teacher outreach to parents	Parents	95	86.0	92.6	99.2	0.75	
• Teacher outreach to parents	Combined	95				0.75	4.00
Parent involvement in the schools	Parents	80	62.4	76.6	90.8	0.61	3.44
Section Results:		88%					3.72
Trust							
Parent-teacher trust	Parents	94	90.9	95.3	99.7	0.50	3.00
Parent-principal trust	Parents	93	82.7	93.3	100.0	0.57	3.28
Student-teacher trust	Students		64.6	85.2	100.0		
Teacher-principal trust	Teachers		56.4	85.0	100.0		
Teacher-teacher trust	Teachers		74.1	90.5	100.0		
Section Results:		94%					3.16

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

03M241

STEM Institute of Manhattan

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	1.97	2.04 or lower	2.05 to 2.14	2.15 to 2.22	2.23 or higher
Average Student Proficiency - School's Lowest Third	1.88	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	4.7%	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	1.93	2.13 or lower	2.14 to 2.28	2.29 to 2.40	2.41 or higher
Average Student Proficiency - School's Lowest Third	1.81	1.79 or lower	1.80 to 1.91	1.92 to 2.04	2.05 or higher
Percentage of Students at Level 3 or 4	4.8%	10.5% or lower	10.6% to 16.6%	16.7% to 21.2%	21.3% or higher
MS Adjusted Core Course Pass Rate of Former Students	86.4%				

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	1.64	1.71 or lower	1.72 to 1.79	1.80 to 1.89	1.90 or higher
Integrated Co-Teaching	2.00	1.84 or lower	1.85 to 1.95	1.96 to 2.03	2.04 or higher
SETSS		1.88 or lower	1.89 to 2.00	2.01 to 2.09	2.10 or higher
ELL	1.94	1.97 or lower	1.98 to 2.10	2.11 to 2.21	2.22 or higher
Lowest Third Citywide	1.88	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	1.89	1.79 or lower	1.80 to 1.89	1.90 to 1.99	2.00 or higher
Math - Average Proficiency Rating					
Self-Contained	1.64	1.79 or lower	1.80 to 1.93	1.94 to 2.04	2.05 or higher
Integrated Co-Teaching	1.79	1.88 or lower	1.89 to 2.05	2.06 to 2.18	2.19 or higher
SETSS		1.89 or lower	1.90 to 2.07	2.08 to 2.20	2.21 or higher
ELL	1.88	2.14 or lower	2.15 to 2.33	2.34 to 2.48	2.49 or higher
Lowest Third Citywide	1.81	1.87 or lower	1.88 to 1.95	1.96 to 2.01	2.02 or higher
Black and Hispanic Males in Lowest Third Citywide	1.90	1.84 or lower	1.85 to 1.93	1.94 to 2.00	2.01 or higher
ELL Progress	46.2%	39.2% or lower	39.3% to 49.2%	49.3% to 56.7%	56.8% 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	67.0%	65.1% or lower	65.2% to 71.9%	72.0% to 77.1%	77.2% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.07	0.11 or lower	0.12 to 0.17	0.18 to 0.23	0.24 or higher