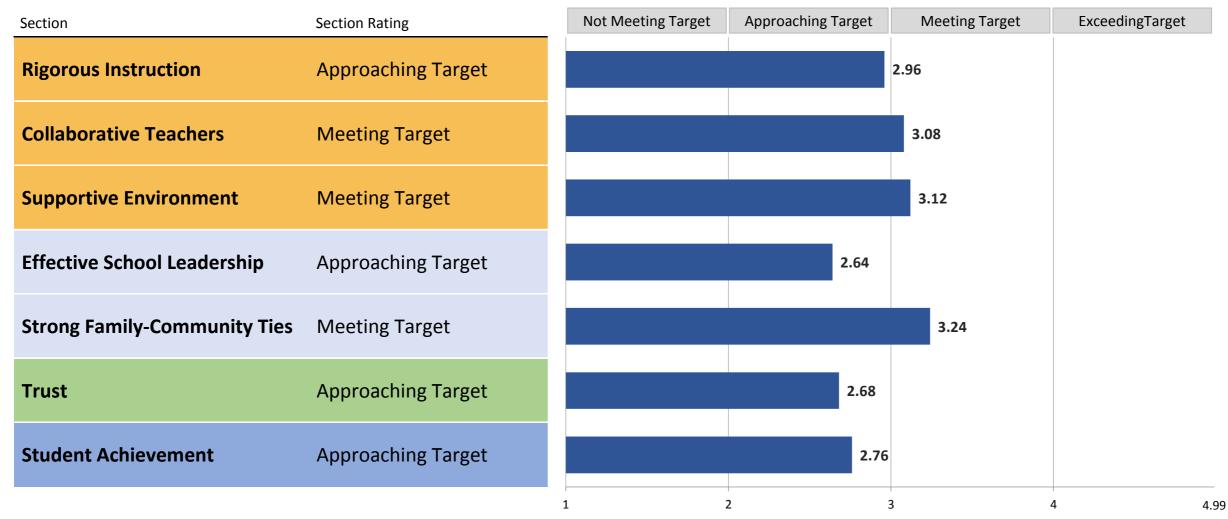
### **Summary of Section Ratings**

#### **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: <a href="http://schools.nyc.gov/Accountability/tools/accountability/default.htm">http://schools.nyc.gov/Accountability/tools/accountability/default.htm</a>

#### Note

In addition, an online version of the 2014-15 School Quality Guide, with additional features, can be found at <a href="http://schoolqualityreports.nyc">http://schoolqualityreports.nyc</a>

# **School Enrollment and Demographic Data**

### **Student Enrollment**

Grade	2012 - 2013	2013 - 2014	2014 - 2015
Grade 6	144	190	190
Grade 7	60	137	183
Grade 8	93	62	136
All students	297	389	509

## **Student Demographics**

	2012 - 2013	2013 - 2014	2014 - 2015
% English Language Learners	3%	3%	4%
% Free Lunch Eligible	69%	69%	69%
% Student with IEPs	23%	17%	17%
% Student with IEPs (less than 20% time)	3%	3%	4%
% HRA Eligible	-	46%	44%
% Temporary Housing	-	6%	5%
% Asian	1%	1%	1%
% Black	90%	89%	90%
% Hispanic	6%	9%	8%
% White	2%	1%	1%
% Other	0%	0%	0%
Average Incoming ELA Proficiency	2.76	2.45	2.41
Average Incoming Math Proficiency	3.07	2.56	2.47

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Approaching Target	2.76	
Student Achievement Rating	Student Achievement Score	

					2014-15 Targets	s	_		
Student Achievement Metrics		2014-15	Bottom of	Approaching	Meeting	Exceeding	Top of	Madula Carra	Marialia Dat
State Test Results - ELA	n	School Value	Target Range	Target	Target	Target	Target Range	Metric Score	Weight Pct
Average Student Proficiency	499	2.47	2.05	2.28	2.39	2.52	2.75	3.62	9.80%
Percentage of Students at Level 3 or 4	499	22.6%	4.9%	12.5%	17.6%	23.4%	31.2%	3.86	9.80%
Median Adjusted Growth Percentile	492	63.0	48.7	54.0	61.6	66.7	75.7	3.27	9.80%
Median Adjusted Growth Percentile - School's Lowest Third	174	68.5	63.8	68.5	75.1	79.5	87.5	2.00	9.80%
State Test Results - Math									
Average Student Proficiency	494	2.37	1.87	2.20	2.42	2.66	2.99	2.77	9.80%
Percentage of Students at Level 3 or 4	494	18.0%	0.0%	11.7%	20.4%	30.2%	41.4%	2.72	9.80%
Median Adjusted Growth Percentile	487	52.0	42.8	49.9	60.3	67.1	79.4	2.20	9.80%
<ul> <li>Median Adjusted Growth Percentile - School's Lowest Third</li> </ul>	172	59.5	56.4	62.6	71.5	77.4	88.0	1.50	9.80%
Core Course Pass Rates									
O ELA	498	40.8%	70.0%	78.7%	84.9%	92.0%	100.0%	1.00	1.96%
Math	498	90.0%	70.0%	78.7%	85.0%	92.0%	100.0%	3.71	1.96%
Science	498	85.7%	71.3%	79.6%	85.6%	92.3%	100.0%	3.01	1.96%
<ul> <li>Social Studies</li> </ul>	498	40.8%	69.5%	78.4%	84.8%	91.9%	100.0%	1.00	1.96%
O Percent of 8th Graders Earning HS Credit	135	13.3%	0.0%	14.7%	25.6%	37.9%	51.8%	1.90	3.92%
9th Grade Adjusted Credit Accumulation of Former 8th Graders	57	84.0%	70.0%	78.0%	84.0%	90.0%	98.0%	3.00	9.80%
								Weighted Average Score	2.69

						2	014-15 Target	c				
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												
<ul> <li>Self-Contained</li> </ul>	34	6.8%	35.2%	0.0%	0.0%	0.4%	0.8%	1.3%	2.2%	1.00	0.030	0.000
<ul> <li>Integrated Co-Teaching</li> </ul>	31	6.2%	34.1%	0.0%	0.0%	1.6%	3.2%	5.1%	8.4%	1.00	0.030	0.000
SETSS	16	3.2%	34.4%	6.3%	0.0%	2.6%	5.2%	8.2%	13.6%	3.37	0.030	0.018
Math - Percent at Level 3 or 4												
O Self-Contained	34	6.9%	36.5%	0.0%	0.0%	0.7%	1.4%	2.3%	3.8%	1.00	0.030	0.000
Integrated Co-Teaching	31	6.3%	34.8%	0.0%	0.0%	2.4%	4.8%	7.6%	12.6%	1.00	0.030	0.000
o SETSS	15	3.0%	32.6%	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	32	6.5%	14.5%	34.4%	17.2%	27.0%	36.6%	47.8%	68.0%		0.030	0.000
Lowest Third Citywide	189	38.4%	47.9%	43.9%	31.5%	39.4%	47.2%	56.3%	72.7%	2.58	0.030	0.012
Black and Hispanic Males in Lowest Third Citywide	113	23.0%	51.5%	45.1%	29.6%	38.0%	46.2%	55.9%	73.2%	2.87	0.030	0.014
SC/ICT/SETSS	81	16.5%	33.7%	43.2%	35.0%	42.9%	50.8%	60.0%	76.4%	2.04	0.030	0.008
Math - Percent at 75th+ Growth Percentile												
ELL	32	6.6%	13.6%	31.3%	12.4%	22.8%	33.0%	45.0%	66.4%		0.030	0.000
Lowest Third Citywide	158	32.4%	39.6%	34.8%	24.4%	34.1%	43.7%	54.9%	75.0%	2.07	0.030	0.008
Black and Hispanic Males in Lowest Third Citywide	91	18.7%	42.0%	34.1%	24.1%	34.0%	43.7%	55.1%	75.5%	2.01	0.030	0.008
O SC/ICT/SETSS	80	16.4%	34.5%	22.5%	25.8%	34.5%	43.0%	53.1%	71.0%	1.00	0.030	0.000
ELL Progress	18	3.6%	10.0%	55.6%	11.3%	22.8%	34.2%	47.5%	71.3%		0.030	0.000
										CtAG Add	ditional Points	0.07
									Ove	rall Student Achie	evement Score	2.76

<sup>•</sup> Filled circle indicates a metric rating of Exceeding Target (and a metric score of 4.00 or higher).

<sup>•</sup> Empty circle indicates a metric rating of Not Meeting Target (and a metric score of 1.99 or lower).

### 2014-15 School Quality Reports

Framework Elements Scoring Appendix

THE SCIENCE AND MEDICINE MIDDLE SCHOOL

	Metric Value	Metric Score	Weight Pct
gorous Instruction			
Quality Review 1.1	Proficient	3.40	22%
Quality Review 1.2	Developing	2.00	22%
Quality Review 2.2	Proficient	3.40	22%
NYC School Survey - Rigorous Instruction	85%	3.00	34%
Section Rating: Approaching Target	Section Score:	2.96	
llaborative Teachers			
Quality Review 4.2	Proficient	3.40	50%
NYC School Survey - Collaborative Teachers	81%	2.72	50%
We selled survey collaborative reactions	0170	2.72	3070
Section Rating: Meeting Target	Section Score:	3.08	
pportive Environment			
Quality Review 3.4	Proficient	3.40	30%
NYC School Survey - Supportive Environment	78%	2.04	35%
Percentage of students with 90%+ attendance	7,67,6		33,1
EMS	87.0%	4.00	
HS			
Overall	87.0%	4.00	30%
Movement of students with disabilities to less restrictive			
environments			
EMS	0.44	3.50	
HS			
Overall	0.44	3.50	5%
Section Rating: Meeting Target	Section Score:	3.12	
ective School Leadership  NYC School Survey - Effective School Leadership	77%	2.64	100%
The Sensor Survey Effective Sensor Leadership	7770	2.01	10070
Section Rating: Approaching Target	Section Score:	2.64	
rong Family-Community Ties			
NYC School Survey - Strong Family-Community Ties	81%	3.24	100%
Section Rating: Meeting Target	Section Score:	3.24	
JST	0.407	3.60	4000/
NYC School Survey - Trust	84%	2.68	100%
Section Rating: Approaching Target	Section Score:	2.68	



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				City Range			
		Survey % Positive	Bottom of Range	City Avg	Top of Range	Percent of Range	Score
Rigorous Instruction							
Common Core shifts in literacy	Teachers	94	79.4	91.4	100.0	0.72	3.88
Common Core shifts in math	Teachers	89	68.9	87.1	100.0	0.66	3.64
Course clarity	Students	85	81.3	89.7	98.1	0.25	2.00
Quality of student discussion	Teachers	71	53.2	78.4	100.0	0.37	2.48
Section Results:		85%					3.00
Collaborative Teachers							
Cultural awareness:							
Cultural awareness	Teachers	97	84.5	94.1	100.0	0.77	
Cultural awareness	Parents	93	87.1	93.3	99.5	0.50	
Cultural awareness	Students	71	70.6	84.2	97.8	0.00	
Cultural awareness	Combined	87				0.42	2.68
<ul> <li>Inclusive classroom instruction</li> </ul>	Teachers	95	81.7	93.3	100.0	0.75	4.00
Quality of professional development	Teachers	78	54.0	77.4	100.0	0.52	3.08
School commitment	Teachers	75	59.7	84.3	100.0	0.38	2.52
Innovation	Teachers	75	65.8	85.2	100.0	0.26	2.04
Reflective dialogue	Teachers	95	86.6	95.8	100.0	0.75	4.00
Peer collaboration	Teachers	87	76.7	91.9	100.0	0.46	2.84
Focus on student learning	Teachers	78	68.4	88.4	100.0	0.30	2.20
<ul> <li>Collective responsibility</li> </ul>	Teachers	58	57.5	82.3	100.0	0.02	1.08
Section Results:		81%					2.72
Supportive Environment Safety:							
Safety	Teachers						
Safety	Students	71	67.5	82.9	98.3	0.12	
o Safety	Combined	71				0.12	1.48
Classroom behavior:							
Classroom behavior	Teachers						
Classroom behavior	Students	71	63.4	79.2	95.0	0.25	
Classroom behavior	Combined	71				0.25	2.00
Social-emotional measure	Teachers	93	84.7	95.3	100.0	0.52	3.08
<ul> <li>Peer interactions</li> </ul>	Students	70	67.5	80.7	93.9	0.11	1.44
Next-level guidance	Students	83	76.9	88.3	99.7	0.27	2.08
Press toward academic achievement:							
Press toward academic achievement							
Press toward academic achievement		84	80.6	88.2	95.8	0.25	
Press toward academic achievement		84				0.25	2.00
Personal attention and support	Students	79	74.1	85.5	96.9	0.23	1.92
Peer support for academic work:							
Peer support for academic work	Teachers						
Peer support for academic work	Parents	87	76.8	88.6	100.0	0.45	
Peer support for academic work	Students	58	48.0	66.6	85.2	0.27	
Peer support for academic work	Combined	73				0.36	2.44
Section Results:		78%					2.04

2014-15 School Quality Reports

Framework Elements - Survey Scoring Appendix

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		Survey % Positive	Bottom of Range	City Avg	Top of Range	Percent of Range	Score
Effective School Leadership							
Inclusive principal leadership	Parents	92	82.1	90.7	99.3	0.56	3.24
Teacher influence	Teachers	62	34.5	67.1	99.7	0.42	2.68
Program coherence	Teachers	80	60.8	85.2	100.0	0.50	3.00
-	Teachers	72	67.2	88.0	100.0	0.15	1.60
<ul> <li>Principal instructional leadership</li> <li>Section Results:</li> </ul>	reachers	72	07.2	88.0	100.0	0.15	2.64
Section Results.		7770					2.04
Strong Family Community Ties							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	90	79.9	92.5	100.0	0.50	
Teacher outreach to parents	Parents	90	81.6	90.6	99.6	0.50	
Teacher outreach to parents	Combined	90				0.50	3.00
Parent involvement in the schools	Parents	71	47.1	66.3	85.5	0.62	3.48
Section Results:		81%					3.24
Trust							
Parent-teacher trust	Parents	95	88.9	94.3	99.7	0.75	4.00
Parent-principal trust	Parents	94	88.6	94.8	100.0	0.50	3.00
Student-teacher trust	Students	69	69.2	82.0	94.8	0.00	1.00
Teacher-principal trust	Teachers	75	63.2	87.4	100.0	0.32	2.28
Teacher-teacher trust	Teachers	88	74.2	90.6	100.0	0.54	3.16
Section Results:		84%					2.68

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**Targets for 2015-16** 

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		2015-16 Targets					
	School Value	Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target			
State Test Results - ELA*								
Average Student Proficiency	2.47	2.39 or lower	2.40 to 2.47	2.48 to 2.53	2.54 or higher			
Average Student Proficiency - School's Lowest Third	1.95	1.99 or lower	2.00 to 2.08	2.09 to 2.14	2.15 or higher			
Percentage of Students at Level 3 or 4	22.6%	18.4% or lower	18.5% to 22.1%	22.2% to 25.1%	25.2% or higher			
State Test Results - Math*								
Average Student Proficiency	2.37	2.27 or lower	2.28 to 2.40	2.41 to 2.51	2.52 or higher			
Average Student Proficiency - School's Lowest Third	1.90	1.89 or lower	1.90 to 2.01	2.02 to 2.11	2.12 or higher			
Percentage of Students at Level 3 or 4	18.0%	13.5% or lower	13.6% to 19.3%	19.4% to 24.0%	24.1% or higher			
Core Course Pass Rates								
ELA	40.8%	78.6% or lower	78.7% to 83.6%	83.7% to 87.7%	87.8% or higher			
Math	90.0%	81.1% or lower	81.2% to 85.5%	85.6% to 89.1%	89.2% or higher			
Science	85.7%	82.1% or lower	82.2% to 86.3%	86.4% to 89.7%	89.8% or higher			
Social Studies	40.8%	76.3% or lower	76.4% to 81.8%	81.9% to 86.3%	86.4% or higher			
Percent of 8th Graders Earning HS Credit	13.3%	16.1% or lower	16.2% to 25.2%	25.3% to 32.7%	32.8% or higher			
9th Grade Adjusted Credit Accumulation of Former 8th Graders	84.0%	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		2015-16	Targets				
_	School Value	Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target			
ELA - Average Proficiency Rating								
Self-Contained	1.81	1.81 or lower	1.82 to 1.87	1.88 to 1.92	1.93 or higher			
Integrated Co-Teaching	1.96	1.99 or lower	2.00 to 2.07	2.08 to 2.13	2.14 or higher			
SETSS	2.03	2.05 or lower	2.06 to 2.16	2.17 to 2.25	2.26 or higher			
ELL	2.22	2.11 or lower	2.12 to 2.22	2.23 to 2.32	2.33 or higher			
Lowest Third Citywide	1.99	1.95 or lower	1.96 to 1.99	2.00 to 2.03	2.04 or higher			
Black and Hispanic Males in Lowest Third Citywide	1.95	1.91 or lower	1.92 to 1.95	1.96 to 1.99	2.00 or higher			
Math - Average Proficiency Rating								
Self-Contained	1.83	1.75 or lower	1.76 to 1.84	1.85 to 1.91	1.92 or higher			
Integrated Co-Teaching	1.83	1.88 or lower	1.89 to 2.00	2.01 to 2.09	2.10 or higher			
SETSS	1.98	1.94 or lower	1.95 to 2.09	2.10 to 2.21	2.22 or higher			
ELL	2.17	2.14 or lower	2.15 to 2.30	2.31 to 2.43	2.44 or higher			
Lowest Third Citywide	1.94	1.85 or lower	1.86 to 1.92	1.93 to 1.99	2.00 or higher			
Black and Hispanic Males in Lowest Third Citywide	1.93	1.83 or lower	1.84 to 1.90	1.91 to 1.99	2.00 or higher			
ELL Progress	55.6%	29.3% or lower	29.4% to 39.1%	39.2% to 47.1%	47.2% or higher			

<sup>\*</sup>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 <u>and</u> 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		2015-16	Targets	
	School Value	Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target
Percentage of Students with 90%+ Attendance	87.0%	72.8% or lower	72.9% to 78.7%	78.8% to 83.5%	83.6% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.44	0.19 or lower	0.20 to 0.30	0.31 to 0.39	0.40 or higher

<sup>\*</sup> 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.