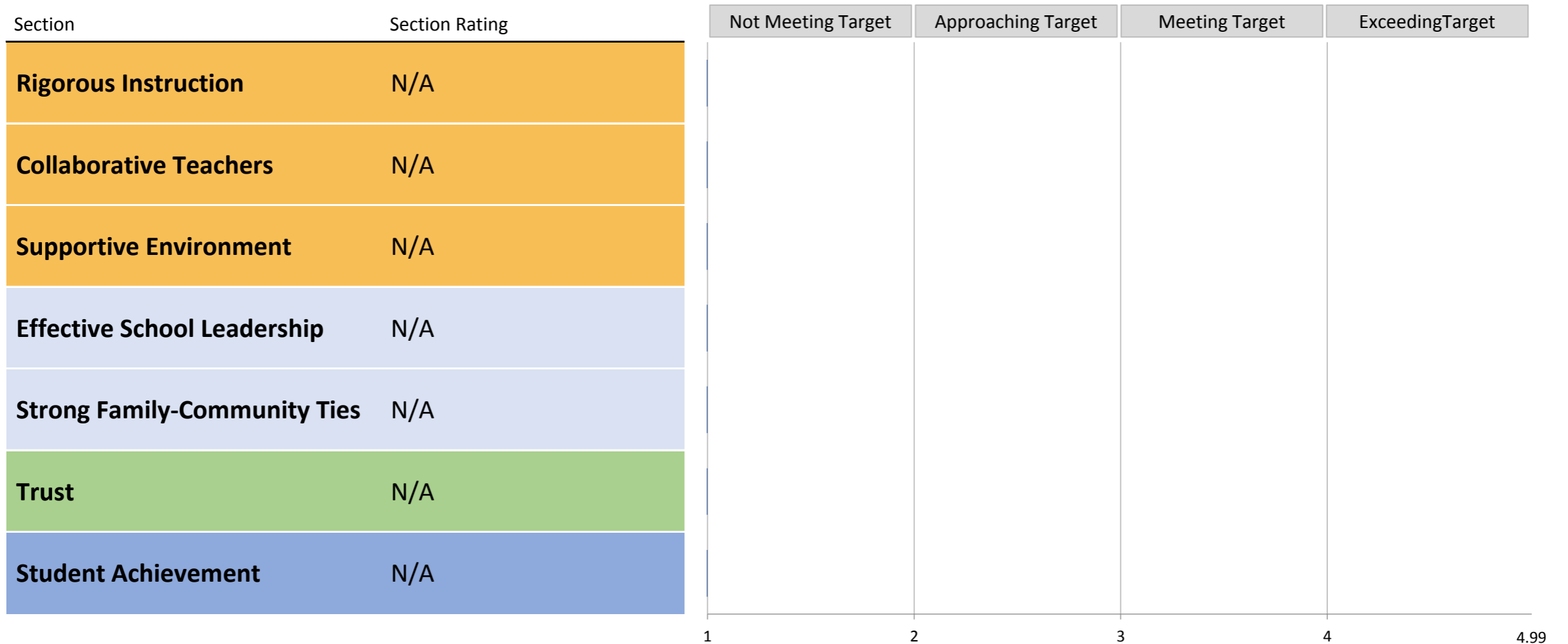


**Framework for Great Schools**

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 9	106	114	128
Grade 10	-	97	106
Grade 11	-	-	77
<b>All students</b>	<b>106</b>	<b>211</b>	<b>311</b>

**Student Demographics**

	<b>2012 - 2013</b>	<b>2013 - 2014</b>	<b>2014 - 2015</b>
% English Language Learners	13%	9%	8%
% Free Lunch Eligible	87%	87%	83%
% Student with IEPs	28%	28%	27%
% Student with IEPs (less than 20% time)	17%	16%	16%
% Overage Under-credited	8%	9%	7%
% HRA Eligible	-	-	67%
% Temporary Housing	-	-	11%
% Asian	1%	1%	1%
% Black	25%	27%	27%
% Hispanic	70%	70%	70%
% White	2%	1%	1%
% Other	0%	1%	1%
Average Incoming ELA Proficiency	2.68	2.28	2.25
Average Incoming Math Proficiency	3.00	2.25	2.22

Student Achievement Rating Student Achievement Score

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>Credit Accumulation</b>									
● Percent of Students Earning 10+ Credits in 1st Year	109	84.4%	53.2%	65.1%	73.4%	81.3%	93.8%	4.25	9.09%
● Percent of Students in School's Lowest Third Earning 10+ Credits in 1st Year	36	77.8%	27.6%	45.2%	57.5%	69.1%	87.9%	4.46	9.09%
Percent of Students Earning 10+ Credits in 2nd Year	108	73.1%	43.8%	57.4%	67.0%	76.1%	90.6%	3.67	9.09%
Percent of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	34	58.8%	18.5%	37.3%	50.5%	63.0%	83.5%	3.66	9.09%
● Percent of Students Earning 10+ Credits in 3rd Year	95	80.0%	43.3%	55.6%	64.1%	72.2%	86.1%	4.56	9.09%
Percent of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	31	58.1%	19.6%	36.2%	47.7%	58.5%	77.6%	3.96	9.09%
<b>Regents Performance</b>									
● Average Completion Rate for Remaining Regents	157	53.8%	17.5%	32.6%	42.6%	52.0%	70.3%	4.10	9.09%
Weighted Regents Pass Rate - ELA	12		0.42	0.66	0.83	0.99	1.25		0.00%
Weighted Regents Pass Rate - Math	144	1.16	0.30	0.68	0.95	1.20	1.59	3.84	9.09%
Weighted Regents Pass Rate - Science	199	1.19	0.31	0.72	1.00	1.26	1.70	3.73	9.09%
○ Weighted Regents Pass Rate - Global History	113	0.49	0.27	0.56	0.76	0.96	1.26	1.76	9.09%
● Weighted Regents Pass Rate - U.S. History	81	1.08	0.34	0.64	0.85	1.05	1.36	4.10	9.09%
<b>Graduation / Diploma</b>									
4-Year Graduation Rate	1		37.1%	50.7%	65.6%	76.1%	89.4%		0.00%
6-Year Graduation Rate			49.0%	60.4%	73.0%	81.9%	92.8%		0.00%
4-Year Weighted Diploma Rate	1		81.3%	125.2%	173.1%	207.0%	249.4%		0.00%
6-Year Weighted Diploma Rate			90.7%	131.0%	175.1%	206.4%	245.3%		0.00%
<b>College and Career Readiness</b>									
College and Career Preparatory Course Index	1		0.0%	10.7%	24.8%	36.2%	52.4%		0.00%
4-Year College Readiness Index	1		0.0%	5.3%	12.1%	17.8%	27.7%		0.00%
6-Year College Readiness Index with Persistence			8.6%	20.7%	36.1%	48.6%	66.5%		0.00%
Postsecondary Enrollment Rate - 6 Months			11.6%	24.5%	41.5%	55.3%	73.3%		0.00%
Postsecondary Enrollment Rate - 18 Months			22.2%	34.5%	50.9%	64.3%	81.1%		0.00%

Weighted Average Score

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>Four-Year Weighted Diploma Rate</b>												
English Language Learners		0.0%	0.0%		25.9%	103.0%	163.9%	225.7%	320.1%		0.036	0.000
Self-Contained / ICT / SETSS		0.0%	0.0%		0.0%	110.0%	197.0%	285.2%	420.0%		0.036	0.000
Lowest Third Citywide	1	100.0%	100.0%		0.0%	71.2%	127.5%	184.6%	271.8%		0.036	0.000
Black / Hispanic Males in Lowest Third Citywide	1	100.0%	100.0%		0.0%	65.3%	116.9%	169.2%	249.2%		0.036	0.000
<b>College and Career Readiness</b>												
Students in Lowest Third Citywide, College and Career Preparatory Course Index	1	100.0%	100.0%		0.0%	7.3%	13.0%	18.9%	27.8%		0.036	0.000
Students in Lowest Third Citywide, 4-Year College Readiness Index	1	100.0%	100.0%		0.0%	1.4%	2.5%	3.7%	5.4%		0.036	0.000
Students in the Lowest Third Citywide, Postsecondary Enrollment Rate - 6 Months		0.0%	0.0%		0.0%	11.4%	20.4%	29.5%	43.4%		0.036	0.000

CtAG Additional Points

Overall Student Achievement Score

- 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	
Quality Review 1.2	Proficient	3.40	
Quality Review 2.2	Proficient	3.40	
NYC School Survey - Rigorous Instruction	86%	3.16	
<b>Section Rating:</b>		<b>Section Score:</b>	

<b>Collaborative Teachers</b>			
Quality Review 4.2	Proficient	3.40	
NYC School Survey - Collaborative Teachers	92%	4.00	
<b>Section Rating:</b>		<b>Section Score:</b>	

<b>Supportive Environment</b>			
Quality Review 3.4	Well Developed	4.99	
NYC School Survey - Supportive Environment	84%	3.32	
Percentage of students with 90%+ attendance			
EMS			
HS	60.3%	3.56	
Overall	60.3%	3.56	
Movement of students with disabilities to less restrictive environments			
EMS			
HS	1.27	4.99	
Overall	1.27	4.99	
<b>Section Rating:</b>		<b>Section Score:</b>	

<b>Effective School Leadership</b>			
NYC School Survey - Effective School Leadership	94%	4.40	
<b>Section Rating:</b>		<b>Section Score:</b>	

<b>Strong Family-Community Ties</b>			
NYC School Survey - Strong Family-Community Ties	75%	3.24	
<b>Section Rating:</b>		<b>Section Score:</b>	

<b>Trust</b>			
NYC School Survey - Trust	95%	4.40	
<b>Section Rating:</b>		<b>Section Score:</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	76.8	89.4	100.0	0.42	2.68
Common Core shifts in math	Teachers	83	69.2	85.8	100.0	0.43	2.72
Course clarity	Students	91	77.5	86.9	96.3	0.72	3.88
Quality of student discussion	Teachers	81	55.8	77.8	99.8	0.57	3.28
<b>Section Results:</b>		<b>86%</b>					<b>3.16</b>
<b>Collaborative Teachers</b>							
Cultural awareness:							
Cultural awareness	Teachers	92	85.4	94.4	100.0	0.50	
Cultural awareness	Parents	98	82.3	91.9	100.0	0.86	
Cultural awareness	Students	85	66.6	80.6	94.6	0.67	
Cultural awareness	Combined	92				0.68	3.72
Inclusive classroom instruction	Teachers	93	82.7	93.1	100.0	0.61	3.44
Quality of professional development	Teachers	74	50.4	75.6	100.0	0.47	2.88
• School commitment	Teachers	91	53.7	82.3	100.0	0.80	4.20
• Innovation	Teachers	93	65.9	84.5	100.0	0.78	4.12
• Reflective dialogue	Teachers	98	85.1	95.3	100.0	0.87	4.48
• Peer collaboration	Teachers	96	75.2	90.6	100.0	0.84	4.36
• Focus on student learning	Teachers	98	60.0	85.2	100.0	0.94	4.76
• Collective responsibility	Teachers	91	58.1	80.7	100.0	0.77	4.08
<b>Section Results:</b>		<b>92%</b>					<b>4.00</b>
<b>Supportive Environment</b>							
Safety:							
Safety	Teachers						
Safety	Students	83	67.5	82.9	98.3	0.49	
Safety	Combined	83				0.49	2.96
Classroom behavior:							
Classroom behavior	Teachers						
Classroom behavior	Students	82	68.3	82.1	95.9	0.51	
Classroom behavior	Combined	82				0.51	3.04
Social-emotional measure	Teachers	94	86.6	95.2	100.0	0.57	3.28
Peer interactions	Students	79	58.2	74.4	90.6	0.65	3.60
Next-level guidance	Students	88	71.4	83.6	95.8	0.69	3.76
Press toward academic achievement:							
Press toward academic achievement	Teachers						
Press toward academic achievement	Students	86	76.3	86.1	95.9	0.49	
Press toward academic achievement	Combined	86				0.49	2.96
Personal attention and support	Students	88	69.0	81.8	94.6	0.73	3.92
Peer support for academic work:							
Peer support for academic work	Teachers						
Peer support for academic work	Parents	87	68.1	85.5	100.0	0.58	
Peer support for academic work	Students	57	41.0	61.6	82.2	0.38	
Peer support for academic work	Combined	72				0.48	2.92
<b>Section Results:</b>		<b>84%</b>					<b>3.32</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	95	76.5	88.9	100.0	0.77	4.08
• Teacher influence	Teachers	86	40.6	71.4	100.0	0.76	4.04
• Program coherence	Teachers	99	57.0	82.6	100.0	0.97	4.88
• Principal instructional leadership	Teachers	95	58.2	84.6	100.0	0.89	4.56
<b>Section Results:</b>		94%					<b>4.40</b>
<b>Strong Family Community Ties</b>							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	95	75.2	89.0	100.0	0.79	
Teacher outreach to parents	Parents	94	76.7	88.1	99.5	0.76	
• Teacher outreach to parents	Combined	95				0.78	4.12
Parent involvement in the schools	Parents	55	41.2	61.0	80.8	0.34	2.36
<b>Section Results:</b>		75%					<b>3.24</b>
<b>Trust</b>							
• Parent-teacher trust	Parents	97	84.9	93.1	100.0	0.80	4.20
• Parent-principal trust	Parents	100	84.5	93.7	100.0	1.00	4.99
Student-teacher trust	Students	87	68.5	81.1	93.7	0.74	3.96
• Teacher-principal trust	Teachers	96	55.0	84.0	100.0	0.92	4.68
• Teacher-teacher trust	Teachers	95	75.7	90.9	100.0	0.79	4.16
<b>Section Results:</b>		95%					<b>4.40</b>

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

10X565

High School for Energy and Technology

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>Credit Accumulation</b>					
10+ Credits in 1st Year - All Students	84.4%	67.0% or lower	67.1% to 75.0%	75.1% to 80.6%	80.7% or higher
10+ Credits in 1st Year - School's Lowest Third	77.8%	50.4% or lower	50.5% to 61.4%	61.5% to 69.2%	69.3% or higher
10+ Credits in 2nd Year - All Students	73.1%	60.7% or lower	60.8% to 68.2%	68.3% to 73.5%	73.6% or higher
10+ Credits in 2nd Year - School's Lowest Third	58.8%	42.1% or lower	42.2% to 52.7%	52.8% to 60.2%	60.3% or higher
10+ Credits in 3rd Year - All Students	80.0%	62.5% or lower	62.6% to 70.1%	70.2% to 75.5%	75.6% or higher
10+ Credits in 3rd Year - School's Lowest Third	58.1%	45.5% or lower	45.6% to 56.0%	56.1% to 63.4%	63.5% or higher
<b>Regents Performance</b>					
Average Completion Rate for Remaining Regents	53.8%	37.5% or lower	37.6% to 44.4%	44.5% to 49.2%	49.3% or higher
Average Regents Score - English (non-Common Core)*	66.0	66.8 or lower	66.9 to 70.1	70.2 to 72.5	72.6 or higher
Average Regents Score - English (Common Core)*		67.0 or lower	67.1 to 70.8	70.9 to 73.4	73.5 or higher
Average Regents Score - Living Environment*	68.0	61.3 or lower	61.4 to 64.9	65.0 to 67.0	67.1 or higher
Average Regents Score - Global History*	58.0	56.7 or lower	56.8 to 60.2	60.3 to 64.9	65.0 or higher
Average Regents Score - US History*	78.0	66.4 or lower	66.5 to 70.4	70.5 to 73.2	73.3 or higher
Average Regents Score - Algebra I (Common Core)*	62.0	57.1 or lower	57.2 to 59.9	60.0 to 64.9	65.0 or higher
<b>Graduation / Non-Dropout</b>					
4-Year Graduation Rate		66.7% or lower	66.8% to 73.8%	73.9% to 78.8%	78.9% or higher
6-Year Graduation Rate					
4-Year Non-Dropout Rate		82.6% or lower	82.7% to 86.9%	87.0% to 89.9%	90.0% or higher
6-Year Non-Dropout Rate					
<b>College and Career Readiness</b>					
College and Career Preparatory Course Index		24.9% or lower	25.0% to 37.5%	37.6% to 46.4%	46.5% or higher
4-Year College Readiness Index		19.2% or lower	19.3% to 27.4%	27.5% to 33.2%	33.3% or higher
6-Year College Readiness Index with Persistence					
Postsecondary Enrollment Rate - 6 Months					
Postsecondary Enrollment Rate - 18 Months					

\* Because it is not possible to accurately predict who will take the Regents exams in advance, the table above provides *estimated* targets for the Regents score metrics. These targets will be adjusted based on the students at the school who actually take the exams.

Closing the Achievement Gap Metrics**	2014-15 School Value	2015-16 Targets			
		Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target
<b>Four-Year Graduation Rate</b>					
English Language Learners		49.5% or lower	49.6% to 60.3%	60.4% to 67.8%	67.9% or higher
Self-Contained / ICT / SETSS		39.8% or lower	39.9% to 51.3%	51.4% to 59.3%	59.4% or higher
<b>Lowest Third Citywide</b>					
Lowest Third Citywide		37.7% or lower	37.8% to 48.7%	48.8% to 56.5%	56.6% or higher
Black / Hispanic Males in Lowest Third Citywide		36.4% or lower	36.5% to 48.2%	48.3% to 56.5%	56.6% or higher
<b>College and Career Readiness of Students in Lowest Third Citywide</b>					
College and Career Preparatory Course Index		8.3% or lower	8.4% to 12.6%	12.7% to 15.6%	15.7% or higher
4-Year College Readiness Index		2.5% or lower	2.6% to 3.8%	3.9% to 4.9%	5.0% or higher
Postsecondary Enrollment Rate - 6 Months					

\*\*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	60.3%	51.2% or lower	51.3% to 59.9%	60.0% to 69.9%	70.0% or higher
Movement of Students with Disabilities to Less Restrictive Environments	1.27	0.43 or lower	0.44 to 0.59	0.60 to 0.70	0.71 or higher