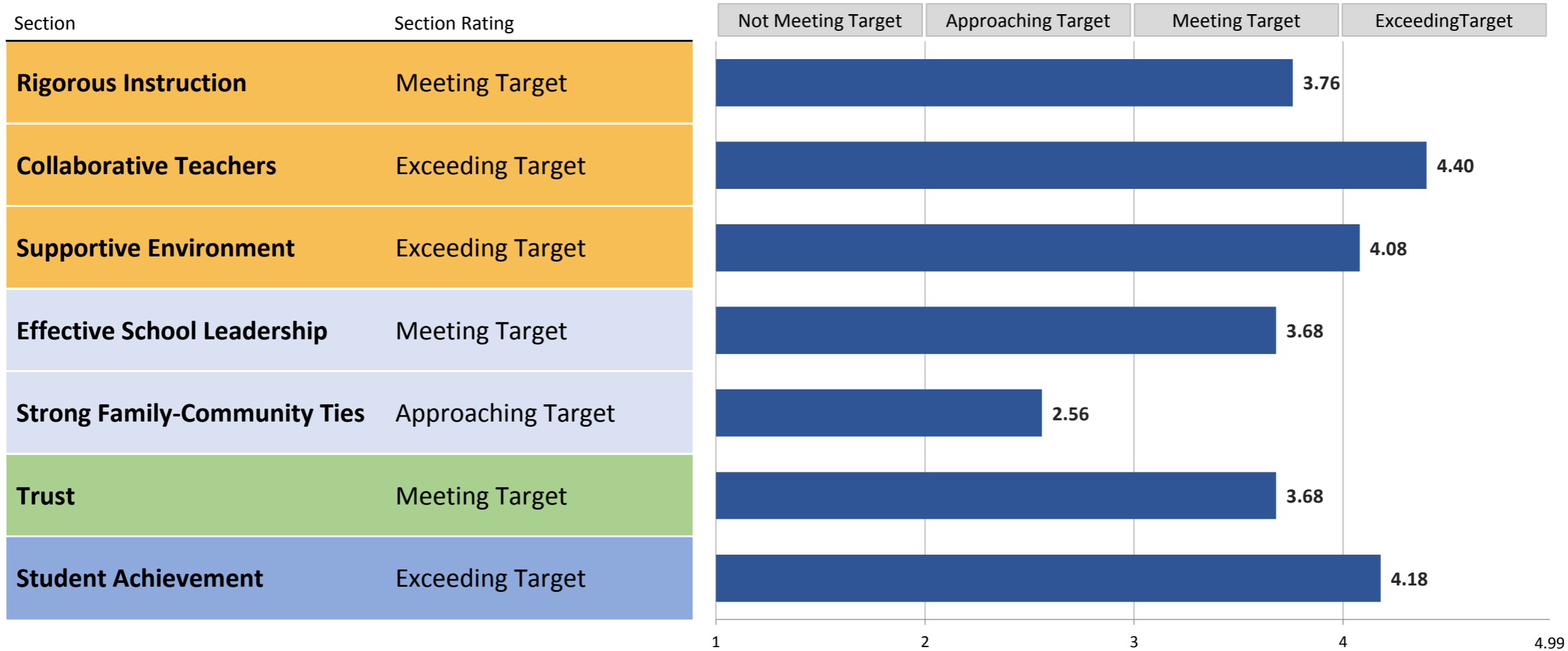


**Framework for Great Schools**

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: Reward**

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	532	545	500
Grade 10	602	496	516
Grade 11	485	578	479
Grade 12	605	612	673
<b>All students</b>	<b>2224</b>	<b>2231</b>	<b>2168</b>

**Student Demographics**

	<b>2012 - 2013</b>	<b>2013 - 2014</b>	<b>2014 - 2015</b>
% English Language Learners	3%	3%	3%
% Free Lunch Eligible	61%	61%	61%
% Student with IEPs	8%	9%	11%
% Student with IEPs (less than 20% time)	4%	4%	6%
% Overage Under-credited	1%	1%	1%
% HRA Eligible	-	-	41%
% Temporary Housing	-	-	3%
% Asian	28%	29%	31%
% Black	6%	6%	6%
% Hispanic	53%	52%	49%
% White	11%	11%	11%
% Other	0%	2%	3%
Average Incoming ELA Proficiency	2.97	2.78	2.78
Average Incoming Math Proficiency	3.50	2.92	2.93

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

Student Achievement Rating	Student Achievement Score
<b>Exceeding Target</b>	<b>4.18</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>Credit Accumulation</b>									
● Percent of Students Earning 10+ Credits in 1st Year	487	97.7%	72.8%	82.7%	87.7%	92.5%	100.0%	4.69	4.17%
● Percent of Students in School's Lowest Third Earning 10+ Credits in 1st Year	155	93.5%	48.6%	65.0%	75.3%	84.9%	100.0%	4.57	4.17%
● Percent of Students Earning 10+ Credits in 2nd Year	487	94.5%	67.5%	79.3%	85.4%	91.1%	100.0%	4.38	4.17%
● Percent of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	160	88.8%	42.5%	61.0%	72.4%	83.2%	100.0%	4.33	4.17%
● Percent of Students Earning 10+ Credits in 3rd Year	473	92.0%	62.2%	75.0%	82.3%	89.2%	100.0%	4.26	4.17%
● Percent of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	148	85.1%	42.7%	61.4%	72.6%	83.2%	99.7%	4.12	4.17%
<b>Regents Performance</b>									
● Average Completion Rate for Remaining Regents	935	84.6%	46.8%	65.8%	75.6%	84.9%	98.9%	3.97	4.17%
● Weighted Regents Pass Rate - ELA	464	1.18	0.71	0.92	1.04	1.16	1.36	4.10	4.17%
Weighted Regents Pass Rate - Math	981	1.35	0.81	1.10	1.26	1.42	1.66	3.56	4.17%
Weighted Regents Pass Rate - Science	1160	1.31	0.69	1.10	1.35	1.58	1.96	2.84	4.17%
Weighted Regents Pass Rate - Global History	559	1.08	0.62	0.85	0.97	1.09	1.28	3.92	4.17%
● Weighted Regents Pass Rate - U.S. History	472	1.25	0.64	0.88	1.03	1.17	1.40	4.35	4.17%
<b>Graduation / Diploma</b>									
● 4-Year Graduation Rate	515	91.3%	67.2%	80.0%	87.9%	93.4%	100.0%	3.62	6.25%
● 6-Year Graduation Rate	487	94.9%	73.7%	83.5%	89.9%	94.5%	100.0%	4.07	6.25%
● 4-Year Weighted Diploma Rate	515	271.9%	144.0%	185.9%	224.0%	250.9%	283.0%	4.65	6.25%
● 6-Year Weighted Diploma Rate	487	263.6%	140.3%	180.0%	219.2%	246.9%	279.7%	4.51	6.25%
<b>College and Career Readiness</b>									
● College and Career Preparatory Course Index	515	87.6%	19.1%	35.2%	56.2%	73.4%	93.8%	4.70	5.00%
● 4-Year College Readiness Index	515	70.7%	14.0%	25.5%	41.7%	55.0%	72.5%	4.90	5.00%
6-Year College Readiness Index with Persistence	487	77.0%	39.2%	54.7%	69.3%	81.3%	95.0%	3.64	5.00%
● Postsecondary Enrollment Rate - 6 Months	491	86.4%	44.7%	59.2%	72.2%	82.8%	94.9%	4.30	5.00%
Postsecondary Enrollment Rate - 18 Months	487	87.1%	54.4%	67.1%	78.3%	87.5%	98.0%	3.96	5.00%
								<b>Weighted Average Score</b>	<b>4.18</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>Four-Year Weighted Diploma Rate</b>												
English Language Learners	35	6.8%	12.2%	308.6%	25.9%	103.0%	163.9%	225.7%	320.1%		0.036	0.000
Self-Contained / ICT / SETSS	30	5.8%	14.7%	416.7%	0.0%	110.0%	197.0%	285.2%	420.0%		0.036	0.000
Lowest Third Citywide	39	7.6%	11.4%	241.0%	0.0%	71.2%	127.5%	184.6%	271.8%		0.036	0.000
Black / Hispanic Males in Lowest Third Citywide	29	5.6%	14.4%	217.2%	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	39	7.6%	11.4%	48.7%	0.0%	7.3%	13.0%	18.9%	27.8%		0.036	0.000
Students in Lowest Third Citywide, 4-Year College Readiness Index	39	7.6%	11.4%	23.1%	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	37	7.5%	12.3%	70.3%	0.0%	11.4%	20.4%	29.5%	43.4%		0.036	0.000
											<b>CtAG Additional Points</b>	<b>0.00</b>
											<b>Overall Student Achievement Score</b>	<b>4.18</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	Proficient	3.40	22%
NYC School Survey - Rigorous Instruction	89%	3.40	34%
<b>Section Rating: Meeting Target</b>		<b>Section Score:</b>	<b>3.76</b>

<b>Collaborative Teachers</b>			
Quality Review 4.2	Well Developed	4.99	50%
NYC School Survey - Collaborative Teachers	90%	3.76	50%
<b>Section Rating: Exceeding Target</b>		<b>Section Score:</b>	<b>4.40</b>

<b>Supportive Environment</b>			
Quality Review 3.4	Well Developed	4.99	30%
NYC School Survey - Supportive Environment	83%	3.16	35%
Percentage of students with 90%+ attendance			
EMS			
HS	89.7%	4.36	
Overall	89.7%	4.36	30%
Movement of students with disabilities to less restrictive environments			
EMS			
HS	0.54	3.30	
Overall	0.54	3.30	5%
<b>Section Rating: Exceeding Target</b>		<b>Section Score:</b>	<b>4.08</b>

<b>Effective School Leadership</b>			
NYC School Survey - Effective School Leadership	86%	3.68	100%
<b>Section Rating: Meeting Target</b>		<b>Section Score:</b>	<b>3.68</b>

<b>Strong Family-Community Ties</b>			
NYC School Survey - Strong Family-Community Ties	70%	2.56	100%
<b>Section Rating: Approaching Target</b>		<b>Section Score:</b>	<b>2.56</b>

<b>Trust</b>			
NYC School Survey - Trust	91%	3.68	100%
<b>Section Rating: Meeting Target</b>		<b>Section Score:</b>	<b>3.68</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	91	76.8	89.4	100.0	0.59	3.36
Common Core shifts in math	Teachers	91	69.2	85.8	100.0	0.70	3.80
Course clarity	Students	83	77.5	86.9	96.3	0.31	2.24
• Quality of student discussion	Teachers	90	55.8	77.8	99.8	0.78	4.12
<b>Section Results:</b>		89%					<b>3.40</b>
<b>Collaborative Teachers</b>							
Cultural awareness:							
Cultural awareness	Teachers	94	85.4	94.4	100.0	0.58	
Cultural awareness	Parents	91	82.3	91.9	100.0	0.51	
Cultural awareness	Students	78	66.6	80.6	94.6	0.40	
Cultural awareness	Combined	88				0.50	3.00
Inclusive classroom instruction	Teachers	93	82.7	93.1	100.0	0.60	3.40
Quality of professional development	Teachers	82	50.4	75.6	100.0	0.64	3.56
• School commitment	Teachers	93	53.7	82.3	100.0	0.86	4.44
Innovation	Teachers	83	65.9	84.5	100.0	0.49	2.96
• Reflective dialogue	Teachers	98	85.1	95.3	100.0	0.87	4.48
Peer collaboration	Teachers	94	75.2	90.6	100.0	0.74	3.96
• Focus on student learning	Teachers	94	60.0	85.2	100.0	0.84	4.36
Collective responsibility	Teachers	85	58.1	80.7	100.0	0.64	3.56
<b>Section Results:</b>		90%					<b>3.76</b>
<b>Supportive Environment</b>							
Safety:							
Safety	Teachers						
Safety	Students	90	67.5	82.9	98.3	0.72	
Safety	Combined	90				0.72	3.88
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	97	86.6	95.2	100.0	0.75	4.00
Peer interactions	Students	75	58.2	74.4	90.6	0.53	3.12
Next-level guidance	Students	83	71.4	83.6	95.8	0.48	2.92
Press toward academic achievement:							
Press toward academic achievement	Teachers						
Press toward academic achievement	Students	86	76.3	86.1	95.9	0.47	
Press toward academic achievement	Combined	86				0.47	2.88
○ Personal attention and support	Students	74	69.0	81.8	94.6	0.19	1.76
Peer support for academic work:							
Peer support for academic work	Teachers						
Peer support for academic work	Parents	90	68.1	85.5	100.0	0.70	
Peer support for academic work	Students	68	41.0	61.6	82.2	0.66	
Peer support for academic work	Combined	79				0.68	3.72
<b>Section Results:</b>		83%					<b>3.16</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	91	76.5	88.9	100.0	0.60	3.40
Teacher influence	Teachers	68	40.6	71.4	100.0	0.46	2.84
• Program coherence	Teachers	91	57.0	82.6	100.0	0.78	4.12
• Principal instructional leadership	Teachers	94	58.2	84.6	100.0	0.85	4.40
<b>Section Results:</b>		86%					<b>3.68</b>
<b>Strong Family Community Ties</b>							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	90	75.2	89.0	100.0	0.61	
Teacher outreach to parents	Parents	86	76.7	88.1	99.5	0.40	
Teacher outreach to parents	Combined	88				0.51	3.04
Parent involvement in the schools	Parents	52	41.2	61.0	80.8	0.27	2.08
<b>Section Results:</b>		70%					<b>2.56</b>
<b>Trust</b>							
Parent-teacher trust	Parents	93	84.9	93.1	100.0	0.54	3.16
• Parent-principal trust	Parents	96	84.5	93.7	100.0	0.75	4.00
Student-teacher trust	Students	81	68.5	81.1	93.7	0.48	2.92
• Teacher-principal trust	Teachers	95	55.0	84.0	100.0	0.90	4.60
Teacher-teacher trust	Teachers	92	75.7	90.9	100.0	0.66	3.64
<b>Section Results:</b>		91%					<b>3.68</b>

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

24Q610

Aviation Career & Technical Education High School

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
<b>Credit Accumulation</b>					
10+ Credits in 1st Year - All Students	97.7%	78.8% or lower	78.9% to 84.7%	84.8% to 88.8%	88.9% or higher
10+ Credits in 1st Year - School's Lowest Third	93.5%	67.1% or lower	67.2% to 76.2%	76.3% to 82.7%	82.8% or higher
10+ Credits in 2nd Year - All Students	94.5%	79.6% or lower	79.7% to 85.3%	85.4% to 89.2%	89.3% or higher
10+ Credits in 2nd Year - School's Lowest Third	88.8%	66.7% or lower	66.8% to 75.9%	76.0% to 82.4%	82.5% or higher
10+ Credits in 3rd Year - All Students	92.0%	79.1% or lower	79.2% to 84.9%	85.0% to 89.0%	89.1% or higher
10+ Credits in 3rd Year - School's Lowest Third	85.1%	69.7% or lower	69.8% to 78.1%	78.2% to 84.0%	84.1% or higher
<b>Regents Performance</b>					
Average Completion Rate for Remaining Regents	84.6%	71.5% or lower	71.6% to 78.4%	78.5% to 83.3%	83.4% or higher
Average Regents Score - English (non-Common Core)*	79.0	76.4 or lower	76.5 to 79.7	79.8 to 82.1	82.2 or higher
Average Regents Score - English (Common Core)*		79.7 or lower	79.8 to 83.5	83.6 to 86.1	86.2 or higher
Average Regents Score - Living Environment*	82.0	72.6 or lower	72.7 to 76.0	76.1 to 78.3	78.4 or higher
Average Regents Score - Global History*	78.0	73.1 or lower	73.2 to 76.7	76.8 to 79.1	79.2 or higher
Average Regents Score - US History*	87.0	79.1 or lower	79.2 to 83.0	83.1 to 85.9	86.0 or higher
Average Regents Score - Algebra I (Common Core)*	75.0	65.0 or lower	65.1 to 67.8	67.9 to 69.7	69.8 or higher
<b>Graduation / Non-Dropout</b>					
4-Year Graduation Rate	91.3%	80.9% or lower	81.0% to 86.2%	86.3% to 89.9%	90.0% or higher
6-Year Graduation Rate	94.9%	86.0% or lower	86.1% to 89.9%	90.0% to 92.6%	92.7% or higher
4-Year Non-Dropout Rate	95.5%	89.4% or lower	89.5% to 92.4%	92.5% to 94.4%	94.5% or higher
6-Year Non-Dropout Rate	95.7%	87.9% or lower	88.0% to 91.2%	91.3% to 93.6%	93.7% or higher
<b>College and Career Readiness</b>					
College and Career Preparatory Course Index	87.6%	56.7% or lower	56.8% to 68.1%	68.2% to 76.1%	76.2% or higher
4-Year College Readiness Index	70.7%	51.2% or lower	51.3% to 59.4%	59.5% to 65.2%	65.3% or higher
6-Year College Readiness Index with Persistence	77.0%	74.2% or lower	74.3% to 81.1%	81.2% to 86.0%	86.1% or higher
Postsecondary Enrollment Rate - 6 Months	86.4%	73.5% or lower	73.6% to 80.8%	80.9% to 85.8%	85.9% or higher
Postsecondary Enrollment Rate - 18 Months	87.1%	78.4% or lower	78.5% to 84.4%	84.5% to 88.5%	88.6% or higher

\* 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	2015-16 Targets			
	School Value	Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target
<b>Four-Year Graduation Rate</b>					
English Language Learners	82.9%	65.5% or lower	65.6% to 75.1%	75.2% to 81.8%	81.9% or higher
Self-Contained / ICT / SETSS	60.0%	56.7% or lower	56.8% to 68.2%	68.3% to 76.2%	76.3% or higher
<b>Lowest Third Citywide</b>					
Lowest Third Citywide	66.7%	50.6% or lower	50.7% to 61.6%	61.7% to 69.4%	69.5% or higher
Black / Hispanic Males in Lowest Third Citywide	65.5%	45.3% or lower	45.4% to 57.1%	57.2% to 65.4%	65.5% or higher
<b>College and Career Readiness of Students in Lowest Third Citywide</b>					
College and Career Preparatory Course Index	48.7%	18.4% or lower	18.5% to 27.7%	27.8% to 34.3%	34.4% or higher
4-Year College Readiness Index	23.1%	4.7% or lower	4.8% to 7.1%	7.2% to 8.8%	8.9% or higher
Postsecondary Enrollment Rate - 6 Months	70.3%	36.2% or lower	36.3% to 45.0%	45.1% to 51.1%	51.2% 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	2015-16 Targets			
	School Value	Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target
Percentage of Students with 90%+ Attendance	89.7%	74.5% or lower	74.6% to 81.6%	81.7% to 86.5%	86.6% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.54	0.42 or lower	0.43 to 0.58	0.59 to 0.69	0.70 or higher