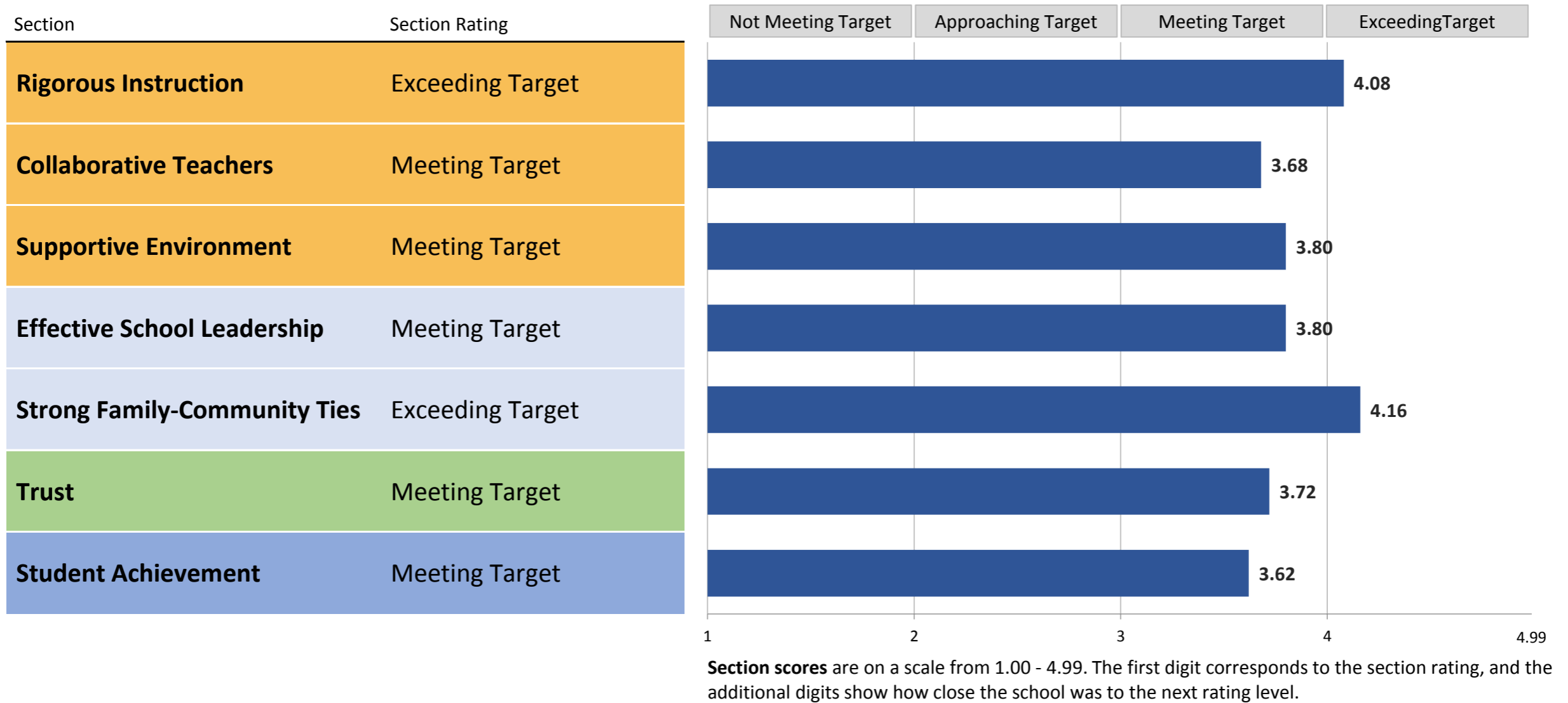


**Framework for Great Schools**

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.



**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	93	98	86
Grade 10	36	72	78
Grade 11	-	33	57
Grade 12	-	-	26
<b>All students</b>	<b>129</b>	<b>203</b>	<b>247</b>

**Student Demographics**

	<b>2012 - 2013</b>	<b>2013 - 2014</b>	<b>2014 - 2015</b>
% English Language Learners	11%	12%	10%
% Free Lunch Eligible	81%	81%	84%
% Student with IEPs	22%	18%	20%
% Student with IEPs (less than 20% time)	10%	9%	10%
% Overage Under-credited	10%	8%	8%
% HRA Eligible	-	-	56%
% Temporary Housing	-	-	11%
% Asian	2%	2%	2%
% Black	55%	53%	54%
% Hispanic	37%	41%	38%
% White	2%	2%	4%
% Other	0%	1%	1%
Average Incoming ELA Proficiency	2.64	2.33	2.33
Average Incoming Math Proficiency	2.99	2.32	2.34

Student Achievement Rating <b>Meeting Target</b>	Student Achievement Score <b>3.62</b>
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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	64	<b>81.3%</b>	54.6%	67.4%	76.3%	84.8%	98.0%	<b>3.59</b>	6.10%
Percent of Students in School's Lowest Third Earning 10+ Credits in 1st Year	20	<b>65.0%</b>	30.3%	48.1%	60.6%	72.3%	91.1%	<b>3.38</b>	6.10%
Percent of Students Earning 10+ Credits in 2nd Year	79	<b>75.9%</b>	49.0%	61.3%	69.7%	77.6%	90.8%	<b>3.78</b>	6.10%
Percent of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	23	<b>56.5%</b>	23.9%	41.0%	52.7%	63.8%	82.8%	<b>3.34</b>	6.10%
Percent of Students Earning 10+ Credits in 3rd Year	65	<b>69.2%</b>	46.8%	59.2%	67.6%	75.5%	89.0%	<b>3.20</b>	6.10%
Percent of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	18	<b>50.0%</b>	23.7%	40.3%	51.6%	62.2%	80.7%	<b>2.86</b>	6.10%
<b>Regents Performance</b>									
Average Completion Rate for Remaining Regents	152	<b>49.8%</b>	23.4%	38.8%	48.4%	57.4%	74.7%	<b>3.16</b>	6.10%
• Weighted Regents Pass Rate - ELA	46	<b>1.12</b>	0.50	0.72	0.88	1.03	1.27	<b>4.38</b>	6.10%
• Weighted Regents Pass Rate - Math	71	<b>1.28</b>	0.44	0.77	0.99	1.20	1.53	<b>4.24</b>	6.10%
• Weighted Regents Pass Rate - Science	99	<b>1.42</b>	0.45	0.81	1.03	1.23	1.62	<b>4.49</b>	6.10%
Weighted Regents Pass Rate - Global History	61	<b>0.88</b>	0.38	0.63	0.79	0.95	1.21	<b>3.56</b>	6.10%
Weighted Regents Pass Rate - U.S. History	10		0.38	0.66	0.86	1.04	1.33		0.00%
<b>Graduation / Diploma</b>									
4-Year Graduation Rate	34	<b>76.5%</b>	43.9%	56.7%	70.1%	79.6%	91.7%	<b>3.67</b>	9.15%
6-Year Graduation Rate			57.0%	67.1%	77.8%	85.3%	94.8%		0.00%
4-Year Weighted Diploma Rate	34	<b>200.0%</b>	94.7%	134.6%	176.9%	206.9%	245.8%	<b>3.77</b>	9.15%
6-Year Weighted Diploma Rate			105.4%	141.7%	180.2%	207.5%	242.9%		0.00%
<b>College and Career Readiness</b>									
College and Career Preparatory Course Index	34	<b>17.6%</b>	0.0%	12.6%	29.1%	42.6%	59.8%	<b>2.30</b>	7.32%
4-Year College Readiness Index	34	<b>14.7%</b>	0.0%	6.8%	15.8%	23.1%	33.4%	<b>2.88</b>	7.32%
6-Year College Readiness Index with Persistence			18.2%	29.6%	42.0%	52.1%	67.8%		0.00%
Postsecondary Enrollment Rate - 6 Months	3		22.2%	33.1%	45.6%	55.8%	71.0%		0.00%
Postsecondary Enrollment Rate - 18 Months			34.1%	44.4%	56.5%	66.3%	80.1%		0.00%
								<b>Weighted Average Score</b>	<b>3.50</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	3	8.8%	15.8%		25.9%	103.0%	163.9%	225.7%	320.1%		0.036	0.000
○ Self-Contained / ICT / SETSS	6	17.6%	44.7%	<b>100.0%</b>	0.0%	110.0%	197.0%	285.2%	420.0%	<b>1.91</b>	0.036	0.008
• Lowest Third Citywide	14	41.2%	61.9%	<b>185.7%</b>	0.0%	71.2%	127.5%	184.6%	271.8%	<b>4.01</b>	0.036	0.027
Black / Hispanic Males in Lowest Third Citywide	8	23.5%	60.3%	<b>100.0%</b>	0.0%	65.3%	116.9%	169.2%	249.2%	<b>2.67</b>	0.036	0.015
<b>College and Career Readiness</b>												
• Students in Lowest Third Citywide, College and Career Preparatory Course Index	14	41.2%	61.9%	<b>21.4%</b>	0.0%	7.3%	13.0%	18.9%	27.8%	<b>4.28</b>	0.036	0.030
• Students in Lowest Third Citywide, 4-Year College Readiness Index	14	41.2%	61.9%	<b>14.3%</b>	0.0%	1.4%	2.5%	3.7%	5.4%	<b>4.99</b>	0.036	0.036
Students in the Lowest Third Citywide, Postsecondary Enrollment Rate - 6 Months	2	66.7%	100.0%		0.0%	11.4%	20.4%	29.5%	43.4%		0.036	0.000
											<b>CtAG Additional Points</b>	<b>0.12</b>
											<b>Overall Student Achievement Score</b>	<b>3.62</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	Well Developed	4.99	22%
NYC School Survey - Rigorous Instruction	87%	3.32	34%
<b>Section Rating: Exceeding Target</b>	<b>Section Score:</b>	<b>4.08</b>	

<b>Collaborative Teachers</b>			
Quality Review 4.2	Proficient	3.40	50%
NYC School Survey - Collaborative Teachers	90%	3.92	50%
<b>Section Rating: Meeting Target</b>	<b>Section Score:</b>	<b>3.68</b>	

<b>Supportive Environment</b>			
Quality Review 3.4	Well Developed	4.99	30%
NYC School Survey - Supportive Environment	81%	2.88	35%
Percentage of students with 90%+ attendance			
EMS			
HS	61.3%	3.48	
Overall	61.3%	3.48	30%
Movement of students with disabilities to less restrictive environments			
EMS			
HS	1.33	4.99	
Overall	1.33	4.99	5%
<b>Section Rating: Meeting Target</b>	<b>Section Score:</b>	<b>3.80</b>	

<b>Effective School Leadership</b>			
NYC School Survey - Effective School Leadership	87%	3.80	100%
<b>Section Rating: Meeting Target</b>	<b>Section Score:</b>	<b>3.80</b>	

<b>Strong Family-Community Ties</b>			
NYC School Survey - Strong Family-Community Ties	84%	4.16	100%
<b>Section Rating: Exceeding Target</b>	<b>Section Score:</b>	<b>4.16</b>	

<b>Trust</b>			
NYC School Survey - Trust	92%	3.72	100%
<b>Section Rating: Meeting Target</b>	<b>Section Score:</b>	<b>3.72</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	88	76.8	89.4	100.0	0.50	3.00
•	Common Core shifts in math	Teachers	100	69.2	85.8	100.0	1.00	4.99
	Course clarity	Students	85	77.5	86.9	96.3	0.40	2.60
	Quality of student discussion	Teachers	73	55.8	77.8	99.8	0.40	2.60
<b>Section Results:</b>			87%					<b>3.32</b>
<b>Collaborative Teachers</b>								
Cultural awareness:								
	Cultural awareness	Teachers	100	85.4	94.4	100.0	1.00	
	Cultural awareness	Parents	93	82.3	91.9	100.0	0.63	
	Cultural awareness	Students	77	66.6	80.6	94.6	0.36	
	Cultural awareness	Combined	90				0.66	3.64
•	Inclusive classroom instruction	Teachers	96	82.7	93.1	100.0	0.79	4.16
	Quality of professional development	Teachers	79	50.4	75.6	100.0	0.57	3.28
	School commitment	Teachers	85	53.7	82.3	100.0	0.68	3.72
	Innovation	Teachers	85	65.9	84.5	100.0	0.57	3.28
•	Reflective dialogue	Teachers	100	85.1	95.3	100.0	1.00	4.99
•	Peer collaboration	Teachers	98	75.2	90.6	100.0	0.90	4.60
•	Focus on student learning	Teachers	94	60.0	85.2	100.0	0.84	4.36
	Collective responsibility	Teachers	83	58.1	80.7	100.0	0.58	3.32
<b>Section Results:</b>			90%					<b>3.92</b>
<b>Supportive Environment</b>								
Safety:								
	Safety	Teachers						
	Safety	Students	80	67.5	82.9	98.3	0.40	
	Safety	Combined	80				0.40	2.60
Classroom behavior:								
	Classroom behavior	Teachers						
	Classroom behavior	Students	74	68.3	82.1	95.9	0.22	
○	Classroom behavior	Combined	74				0.22	1.88
•	Social-emotional measure	Teachers	98	86.6	95.2	100.0	0.85	4.40
	Peer interactions	Students	74	58.2	74.4	90.6	0.48	2.92
	Next-level guidance	Students	80	71.4	83.6	95.8	0.37	2.48
Press toward academic achievement:								
	Press toward academic achievement	Teachers						
	Press toward academic achievement	Students	84	76.3	86.1	95.9	0.41	
	Press toward academic achievement	Combined	84				0.41	2.64
	Personal attention and support	Students	82	69.0	81.8	94.6	0.50	3.00
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	61	41.0	61.6	82.2	0.48	
	Peer support for academic work	Combined	74				0.53	3.12
<b>Section Results:</b>			81%					<b>2.88</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	89	76.5	88.9	100.0	0.55	3.20
Teacher influence	Teachers	71	40.6	71.4	100.0	0.52	3.08
• Program coherence	Teachers	93	57.0	82.6	100.0	0.84	4.36
• Principal instructional leadership	Teachers	95	58.2	84.6	100.0	0.88	4.52
<b>Section Results:</b>		87%					<b>3.80</b>
<b>Strong Family Community Ties</b>							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	99	75.2	89.0	100.0	0.95	
Teacher outreach to parents	Parents	91	76.7	88.1	99.5	0.62	
• Teacher outreach to parents	Combined	95				0.79	4.16
• Parent involvement in the schools	Parents	72	41.2	61.0	80.8	0.78	4.12
<b>Section Results:</b>		84%					<b>4.16</b>
<b>Trust</b>							
Parent-teacher trust	Parents	92	84.9	93.1	100.0	0.50	3.00
Parent-principal trust	Parents	94	84.5	93.7	100.0	0.63	3.52
Student-teacher trust	Students	79	68.5	81.1	93.7	0.41	2.64
• Teacher-principal trust	Teachers	97	55.0	84.0	100.0	0.94	4.76
• Teacher-teacher trust	Teachers	98	75.7	90.9	100.0	0.92	4.68
<b>Section Results:</b>		92%					<b>3.72</b>

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

32K168

The Brooklyn School for Math and Research

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	81.3%	72.3% or lower	72.4% to 80.0%	80.1% to 85.4%	85.5% or higher
10+ Credits in 1st Year - School's Lowest Third	65.0%	54.1% or lower	54.2% to 65.2%	65.3% to 72.9%	73.0% or higher
10+ Credits in 2nd Year - All Students	75.9%	70.3% or lower	70.4% to 77.9%	78.0% to 83.2%	83.3% or higher
10+ Credits in 2nd Year - School's Lowest Third	56.5%	52.9% or lower	53.0% to 63.5%	63.6% to 71.0%	71.1% or higher
10+ Credits in 3rd Year - All Students	69.2%	62.8% or lower	62.9% to 70.4%	70.5% to 75.8%	75.9% or higher
10+ Credits in 3rd Year - School's Lowest Third	50.0%	45.3% or lower	45.4% to 55.8%	55.9% to 63.2%	63.3% or higher
<b>Regents Performance</b>					
Average Completion Rate for Remaining Regents	49.8%	43.9% or lower	44.0% to 50.8%	50.9% to 55.7%	55.8% or higher
Average Regents Score - English (non-Common Core)*	80.0	67.2 or lower	67.3 to 70.6	70.7 to 72.9	73.0 or higher
Average Regents Score - English (Common Core)*	75.0	71.6 or lower	71.7 to 75.4	75.5 to 78.0	78.1 or higher
Average Regents Score - Living Environment*	80.0	65.1 or lower	65.2 to 68.4	68.5 to 70.7	70.8 or higher
Average Regents Score - Global History*	68.0	60.7 or lower	60.8 to 64.2	64.3 to 66.7	66.8 or higher
Average Regents Score - US History*		67.9 or lower	68.0 to 71.9	72.0 to 74.7	74.8 or higher
Average Regents Score - Algebra I (Common Core)*	67.0	59.7 or lower	59.8 to 62.5	62.6 to 64.9	65.0 or higher
<b>Graduation / Non-Dropout</b>					
4-Year Graduation Rate	76.5%	71.1% or lower	71.2% to 78.2%	78.3% to 83.3%	83.4% or higher
6-Year Graduation Rate					
4-Year Non-Dropout Rate	88.2%	84.6% or lower	84.7% to 88.9%	89.0% to 91.9%	92.0% or higher
6-Year Non-Dropout Rate					
<b>College and Career Readiness</b>					
College and Career Preparatory Course Index	17.6%	34.1% or lower	34.2% to 47.0%	47.1% to 56.1%	56.2% or higher
4-Year College Readiness Index	14.7%	23.4% or lower	23.5% to 31.7%	31.8% to 37.4%	37.5% 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	2015-16 Targets			
	School Value	Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target
<b>Four-Year Graduation Rate</b>					
English Language Learners		53.7% or lower	53.8% to 64.5%	64.6% to 72.0%	72.1% or higher
Self-Contained / ICT / SETSS	33.3%	51.2% or lower	51.3% to 62.6%	62.7% to 70.7%	70.8% or higher
Lowest Third Citywide	57.1%	40.8% or lower	40.9% to 51.8%	51.9% to 59.5%	59.6% or higher
Black / Hispanic Males in Lowest Third Citywide	37.5%	35.8% or lower	35.9% to 47.7%	47.8% to 56.0%	56.1% or higher
<b>College and Career Readiness of Students in Lowest Third Citywide</b>					
College and Career Preparatory Course Index	21.4%	14.2% or lower	14.3% to 21.4%	21.5% to 26.5%	26.6% or higher
4-Year College Readiness Index	14.3%	2.3% or lower	2.4% to 3.5%	3.6% to 4.9%	5.0% or higher
Postsecondary Enrollment Rate - 6 Months		28.3% or lower	28.4% to 37.0%	37.1% to 43.2%	43.3% 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	61.3%	57.8% or lower	57.9% to 65.1%	65.2% to 70.2%	70.3% or higher
Movement of Students with Disabilities to Less Restrictive Environments	1.33	0.42 or lower	0.43 to 0.58	0.59 to 0.69	0.70 or higher