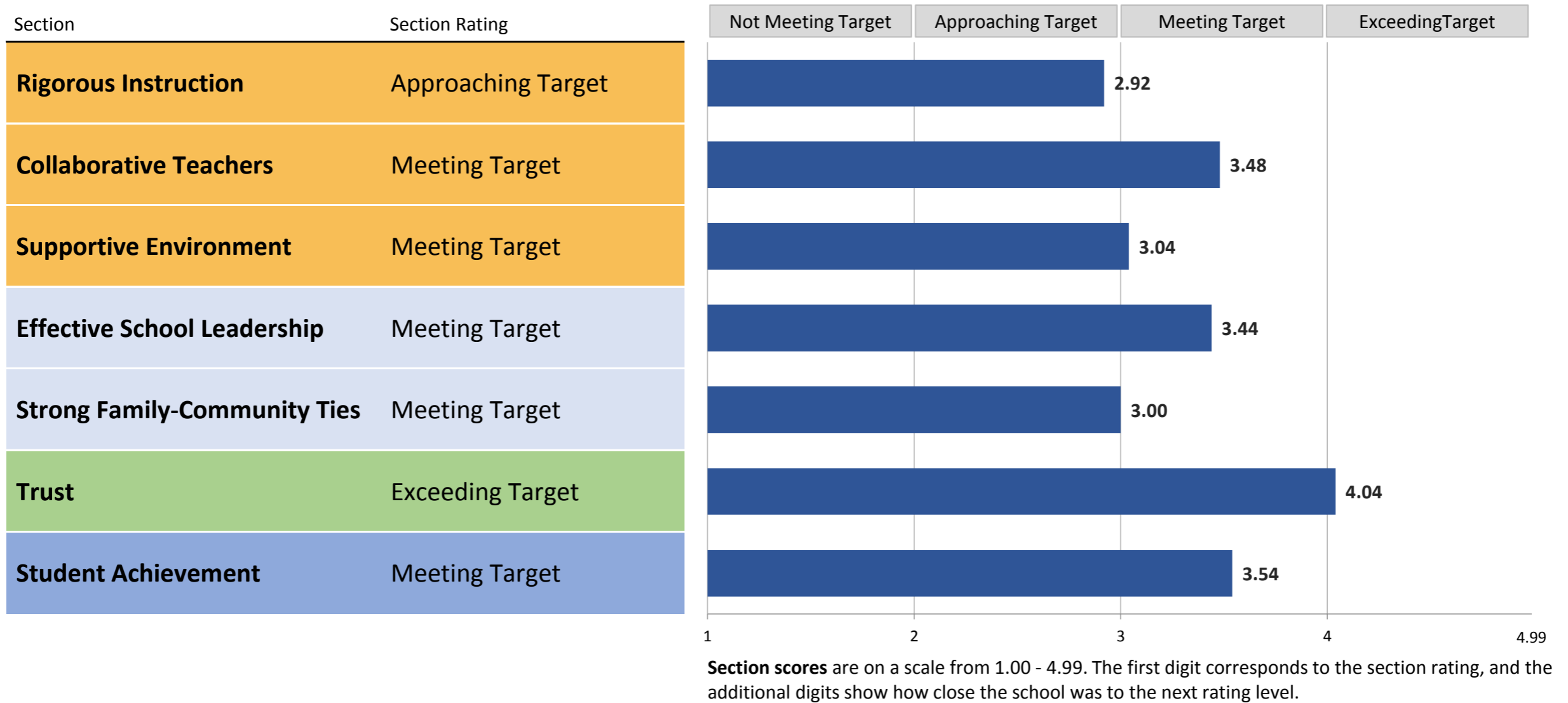


**Framework for Great Schools**

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	123	114	189
Grade 10	164	146	109
Grade 11	106	146	110
Grade 12	119	111	152
<b>All students</b>	<b>512</b>	<b>517</b>	<b>560</b>

**Student Demographics**

	<b>2012 - 2013</b>	<b>2013 - 2014</b>	<b>2014 - 2015</b>
% English Language Learners	11%	11%	11%
% Free Lunch Eligible	70%	70%	70%
% Student with IEPs	20%	19%	20%
% Student with IEPs (less than 20% time)	7%	7%	6%
% Overage Under-credited	6%	6%	6%
% HRA Eligible	-	-	48%
% Temporary Housing	-	-	4%
% Asian	14%	15%	10%
% Black	22%	22%	23%
% Hispanic	24%	22%	22%
% White	39%	40%	44%
% Other	0%	1%	1%
Average Incoming ELA Proficiency	2.73	2.46	2.49
Average Incoming Math Proficiency	2.91	2.31	2.37

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

21K344  
Rachel Carson High School for Coastal Studies

Student Achievement Rating <b>Meeting Target</b>	Student Achievement Score <b>3.54</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	140	<b>78.6%</b>	64.0%	74.2%	80.6%	86.7%	96.6%	<b>2.69</b>	4.17%
Percent of Students in School's Lowest Third Earning 10+ Credits in 1st Year	42	<b>71.4%</b>	37.9%	54.1%	64.9%	75.0%	91.7%	<b>3.64</b>	4.17%
○ Percent of Students Earning 10+ Credits in 2nd Year	117	<b>63.2%</b>	55.8%	67.7%	75.5%	82.7%	94.7%	<b>1.62</b>	4.17%
○ Percent of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	33	<b>36.4%</b>	30.3%	47.8%	59.4%	70.3%	88.5%	<b>1.35</b>	4.17%
Percent of Students Earning 10+ Credits in 3rd Year	135	<b>77.0%</b>	53.1%	64.9%	72.4%	79.4%	91.4%	<b>3.66</b>	4.17%
Percent of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	36	<b>61.1%</b>	28.2%	45.3%	56.5%	67.0%	85.0%	<b>3.44</b>	4.17%
<b>Regents Performance</b>									
Average Completion Rate for Remaining Regents	261	<b>56.1%</b>	30.5%	46.6%	55.8%	64.5%	80.4%	<b>3.03</b>	4.17%
● Weighted Regents Pass Rate - ELA	128	<b>1.29</b>	0.59	0.79	0.93	1.06	1.27	<b>4.99</b>	4.17%
Weighted Regents Pass Rate - Math	228	<b>1.17</b>	0.59	0.87	1.05	1.23	1.51	<b>3.67</b>	4.17%
Weighted Regents Pass Rate - Science	239	<b>1.24</b>	0.53	0.89	1.10	1.30	1.68	<b>3.70</b>	4.17%
Weighted Regents Pass Rate - Global History	155	<b>0.76</b>	0.43	0.67	0.83	0.98	1.22	<b>2.56</b>	4.17%
Weighted Regents Pass Rate - U.S. History	137	<b>0.98</b>	0.54	0.78	0.93	1.08	1.32	<b>3.33</b>	4.17%
<b>Graduation / Diploma</b>									
● 4-Year Graduation Rate	152	<b>84.2%</b>	49.6%	62.1%	74.2%	82.8%	93.8%	<b>4.13</b>	6.25%
6-Year Graduation Rate	122	<b>83.6%</b>	58.4%	68.9%	79.9%	87.7%	97.2%	<b>3.47</b>	6.25%
4-Year Weighted Diploma Rate	152	<b>213.2%</b>	111.9%	149.8%	187.2%	213.8%	249.2%	<b>3.98</b>	6.25%
● 6-Year Weighted Diploma Rate	122	<b>221.7%</b>	110.9%	149.3%	189.9%	218.6%	254.5%	<b>4.09</b>	6.25%
<b>College and Career Readiness</b>									
College and Career Preparatory Course Index	152	<b>41.4%</b>	2.0%	16.4%	35.2%	50.5%	69.0%	<b>3.41</b>	5.00%
4-Year College Readiness Index	152	<b>28.9%</b>	1.4%	10.1%	21.5%	30.7%	42.0%	<b>3.80</b>	5.00%
6-Year College Readiness Index with Persistence	122	<b>54.1%</b>	21.4%	34.0%	47.7%	58.9%	74.6%	<b>3.57</b>	5.00%
Postsecondary Enrollment Rate - 6 Months	115	<b>47.8%</b>	25.2%	37.8%	52.2%	64.0%	79.5%	<b>2.69</b>	5.00%
● Postsecondary Enrollment Rate - 18 Months	122	<b>73.0%</b>	36.0%	47.3%	60.6%	71.5%	85.6%	<b>4.11</b>	5.00%
								<b>Weighted Average Score</b>	<b>3.43</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	19	12.5%	22.4%	<b>168.4%</b>	25.9%	103.0%	163.9%	225.7%	320.1%		0.036	0.000
● Self-Contained / ICT / SETSS	31	20.4%	51.8%	<b>319.4%</b>	0.0%	110.0%	197.0%	285.2%	420.0%	<b>4.25</b>	0.036	0.029
● Lowest Third Citywide	42	27.6%	41.4%	<b>204.8%</b>	0.0%	71.2%	127.5%	184.6%	271.8%	<b>4.23</b>	0.036	0.029
Black / Hispanic Males in Lowest Third Citywide	7	4.6%	11.8%	<b>200.0%</b>	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	42	27.6%	41.4%	<b>16.7%</b>	0.0%	7.3%	13.0%	18.9%	27.8%	<b>3.63</b>	0.036	0.024
Students in Lowest Third Citywide, 4-Year College Readiness Index	42	27.6%	41.4%	<b>2.4%</b>	0.0%	1.4%	2.5%	3.7%	5.4%	<b>2.91</b>	0.036	0.017
Students in the Lowest Third Citywide, Postsecondary Enrollment Rate - 6 Months	38	33.0%	54.3%	<b>15.8%</b>	0.0%	11.4%	20.4%	29.5%	43.4%	<b>2.49</b>	0.036	0.013
											<b>CtAG Additional Points</b>	<b>0.11</b>
											<b>Overall Student Achievement Score</b>	<b>3.54</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	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	84%	2.92	34%
<b>Section Rating: Approaching Target</b>	<b>Section Score:</b>	<b>2.92</b>	

<b>Collaborative Teachers</b>			
Quality Review 4.2	Proficient	3.40	50%
NYC School Survey - Collaborative Teachers	88%	3.52	50%
<b>Section Rating: Meeting Target</b>	<b>Section Score:</b>	<b>3.48</b>	

<b>Supportive Environment</b>			
Quality Review 3.4	Proficient	3.40	30%
NYC School Survey - Supportive Environment	83%	3.16	35%
Percentage of students with 90%+ attendance			
EMS			
HS	56.4%	2.52	
Overall	56.4%	2.52	30%
Movement of students with disabilities to less restrictive environments			
EMS			
HS	0.50	3.13	
Overall	0.50	3.13	5%
<b>Section Rating: Meeting Target</b>	<b>Section Score:</b>	<b>3.04</b>	

<b>Effective School Leadership</b>			
NYC School Survey - Effective School Leadership	83%	3.44	100%
<b>Section Rating: Meeting Target</b>	<b>Section Score:</b>	<b>3.44</b>	

<b>Strong Family-Community Ties</b>			
NYC School Survey - Strong Family-Community Ties	74%	3.00	100%
<b>Section Rating: Meeting Target</b>	<b>Section Score:</b>	<b>3.00</b>	

<b>Trust</b>			
NYC School Survey - Trust	93%	4.04	100%
<b>Section Rating: Exceeding Target</b>	<b>Section Score:</b>	<b>4.04</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	0.47	2.88
Common Core shifts in math	Teachers	85	69.2	85.8	100.0	0.51	3.04
Course clarity	Students	86	77.5	86.9	96.3	0.47	2.88
Quality of student discussion	Teachers	76	55.8	77.8	99.8	0.47	2.88
<b>Section Results:</b>		<b>84%</b>					<b>2.92</b>
<b>Collaborative Teachers</b>							
Cultural awareness:							
Cultural awareness	Teachers	97	85.4	94.4	100.0	0.78	
Cultural awareness	Parents	96	82.3	91.9	100.0	0.79	
Cultural awareness	Students	81	66.6	80.6	94.6	0.51	
Cultural awareness	Combined	91				0.69	3.76
Inclusive classroom instruction	Teachers	92	82.7	93.1	100.0	0.56	3.24
Quality of professional development	Teachers	86	50.4	75.6	100.0	0.71	3.84
• School commitment	Teachers	91	53.7	82.3	100.0	0.81	4.24
Innovation	Teachers	84	65.9	84.5	100.0	0.53	3.12
Reflective dialogue	Teachers	94	85.1	95.3	100.0	0.60	3.40
Peer collaboration	Teachers	91	75.2	90.6	100.0	0.64	3.56
Focus on student learning	Teachers	86	60.0	85.2	100.0	0.66	3.64
Collective responsibility	Teachers	77	58.1	80.7	100.0	0.45	2.80
<b>Section Results:</b>		<b>88%</b>					<b>3.52</b>
<b>Supportive Environment</b>							
Safety:							
Safety	Teachers						
Safety	Students	85	67.5	82.9	98.3	0.58	
Safety	Combined	85				0.58	3.32
Classroom behavior:							
Classroom behavior	Teachers						
Classroom behavior	Students	85	68.3	82.1	95.9	0.59	
Classroom behavior	Combined	85				0.59	3.36
• Social-emotional measure	Teachers	97	86.6	95.2	100.0	0.80	4.20
Peer interactions	Students	72	58.2	74.4	90.6	0.43	2.72
Next-level guidance	Students	84	71.4	83.6	95.8	0.50	3.00
Press toward academic achievement:							
Press toward academic achievement	Teachers						
Press toward academic achievement	Students	84	76.3	86.1	95.9	0.38	
Press toward academic achievement	Combined	84				0.38	2.52
Personal attention and support	Students	84	69.0	81.8	94.6	0.57	3.28
Peer support for academic work:							
Peer support for academic work	Teachers						
Peer support for academic work	Parents	83	68.1	85.5	100.0	0.46	
Peer support for academic work	Students	63	41.0	61.6	82.2	0.52	
Peer support for academic work	Combined	73				0.49	2.96
<b>Section Results:</b>		<b>83%</b>					<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	94	76.5	88.9	100.0	0.76	4.04
Teacher influence	Teachers	70	40.6	71.4	100.0	0.49	2.96
Program coherence	Teachers	85	57.0	82.6	100.0	0.65	3.60
Principal instructional leadership	Teachers	81	58.2	84.6	100.0	0.53	3.12
<b>Section Results:</b>		83%					<b>3.44</b>
<b>Strong Family Community Ties</b>							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	86	75.2	89.0	100.0	0.45	
Teacher outreach to parents	Parents	94	76.7	88.1	99.5	0.75	
Teacher outreach to parents	Combined	90				0.60	3.40
Parent involvement in the schools	Parents	57	41.2	61.0	80.8	0.40	2.60
<b>Section Results:</b>		74%					<b>3.00</b>
<b>Trust</b>							
• Parent-teacher trust	Parents	97	84.9	93.1	100.0	0.80	4.20
• Parent-principal trust	Parents	97	84.5	93.7	100.0	0.83	4.32
Student-teacher trust	Students	85	68.5	81.1	93.7	0.67	3.68
• Teacher-principal trust	Teachers	91	55.0	84.0	100.0	0.80	4.20
Teacher-teacher trust	Teachers	93	75.7	90.9	100.0	0.72	3.88
<b>Section Results:</b>		93%					<b>4.04</b>



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

21K344

Rachel Carson High School for Coastal Studies

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	78.6%	71.8% or lower	71.9% to 79.6%	79.7% to 85.1%	85.2% or higher
10+ Credits in 1st Year - School's Lowest Third	71.4%	54.8% or lower	54.9% to 65.8%	65.9% to 73.6%	73.7% or higher
10+ Credits in 2nd Year - All Students	63.2%	71.6% or lower	71.7% to 79.2%	79.3% to 84.5%	84.6% or higher
10+ Credits in 2nd Year - School's Lowest Third	36.4%	54.6% or lower	54.7% to 65.2%	65.3% to 72.7%	72.8% or higher
10+ Credits in 3rd Year - All Students	77.0%	69.5% or lower	69.6% to 77.1%	77.2% to 82.5%	82.6% or higher
10+ Credits in 3rd Year - School's Lowest Third	61.1%	54.4% or lower	54.5% to 64.9%	65.0% to 72.3%	72.4% or higher
<b>Regents Performance</b>					
Average Completion Rate for Remaining Regents	56.1%	50.0% or lower	50.1% to 56.9%	57.0% to 61.7%	61.8% or higher
Average Regents Score - English (non-Common Core)*	62.0	69.4 or lower	69.5 to 72.7	72.8 to 75.1	75.2 or higher
Average Regents Score - English (Common Core)*	84.0	73.9 or lower	74.0 to 77.7	77.8 to 80.4	80.5 or higher
Average Regents Score - Living Environment*	74.0	65.1 or lower	65.2 to 68.5	68.6 to 70.8	70.9 or higher
Average Regents Score - Global History*	67.0	63.7 or lower	63.8 to 67.2	67.3 to 69.7	69.8 or higher
Average Regents Score - US History*	74.0	69.9 or lower	70.0 to 73.9	74.0 to 76.7	76.8 or higher
Average Regents Score - Algebra I (Common Core)*	66.0	59.5 or lower	59.6 to 62.3	62.4 to 64.9	65.0 or higher
<b>Graduation / Non-Dropout</b>					
4-Year Graduation Rate	84.2%	69.5% or lower	69.6% to 76.7%	76.8% to 81.7%	81.8% or higher
6-Year Graduation Rate	83.6%	75.4% or lower	75.5% to 81.0%	81.1% to 84.9%	85.0% or higher
4-Year Non-Dropout Rate	89.5%	83.6% or lower	83.7% to 87.9%	88.0% to 90.9%	91.0% or higher
6-Year Non-Dropout Rate	84.4%	78.6% or lower	78.7% to 83.5%	83.6% to 87.0%	87.1% or higher
<b>College and Career Readiness</b>					
College and Career Preparatory Course Index	41.4%	36.5% or lower	36.6% to 49.5%	49.6% to 58.6%	58.7% or higher
4-Year College Readiness Index	28.9%	22.6% or lower	22.7% to 30.8%	30.9% to 36.6%	36.7% or higher
6-Year College Readiness Index with Persistence	54.1%	46.6% or lower	46.7% to 53.5%	53.6% to 58.4%	58.5% or higher
Postsecondary Enrollment Rate - 6 Months	47.8%	59.7% or lower	59.8% to 68.1%	68.2% to 74.0%	74.1% or higher
Postsecondary Enrollment Rate - 18 Months	73.0%	62.9% or lower	63.0% to 69.1%	69.2% to 73.3%	73.4% 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 School Value	2015-16 Targets			
		Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target
<b>Four-Year Graduation Rate</b>					
English Language Learners	73.7%	50.2% or lower	50.3% to 61.0%	61.1% to 68.5%	68.6% or higher
Self-Contained / ICT / SETSS	64.5%	41.4% or lower	41.5% to 52.9%	53.0% to 61.0%	61.1% or higher
<b>Lowest Third Citywide</b>					
Lowest Third Citywide	64.3%	42.4% or lower	42.5% to 53.4%	53.5% to 61.1%	61.2% or higher
Black / Hispanic Males in Lowest Third Citywide	42.9%	37.6% or lower	37.7% to 49.4%	49.5% to 57.7%	57.8% or higher
<b>College and Career Readiness of Students in Lowest Third Citywide</b>					
College and Career Preparatory Course Index	16.7%	15.4% or lower	15.5% to 23.2%	23.3% to 28.7%	28.8% or higher
4-Year College Readiness Index	2.4%	3.6% or lower	3.7% to 5.5%	5.6% to 6.8%	6.9% or higher
Postsecondary Enrollment Rate - 6 Months	15.8%	27.4% or lower	27.5% to 36.1%	36.2% to 42.2%	42.3% 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 School Value	2015-16 Targets			
		Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target
Percentage of Students with 90%+ Attendance	56.4%	60.3% or lower	60.4% to 67.6%	67.7% to 72.7%	72.8% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.50	0.42 or lower	0.43 to 0.58	0.59 to 0.69	0.70 or higher