

2014-15 School Quality Guide / HS

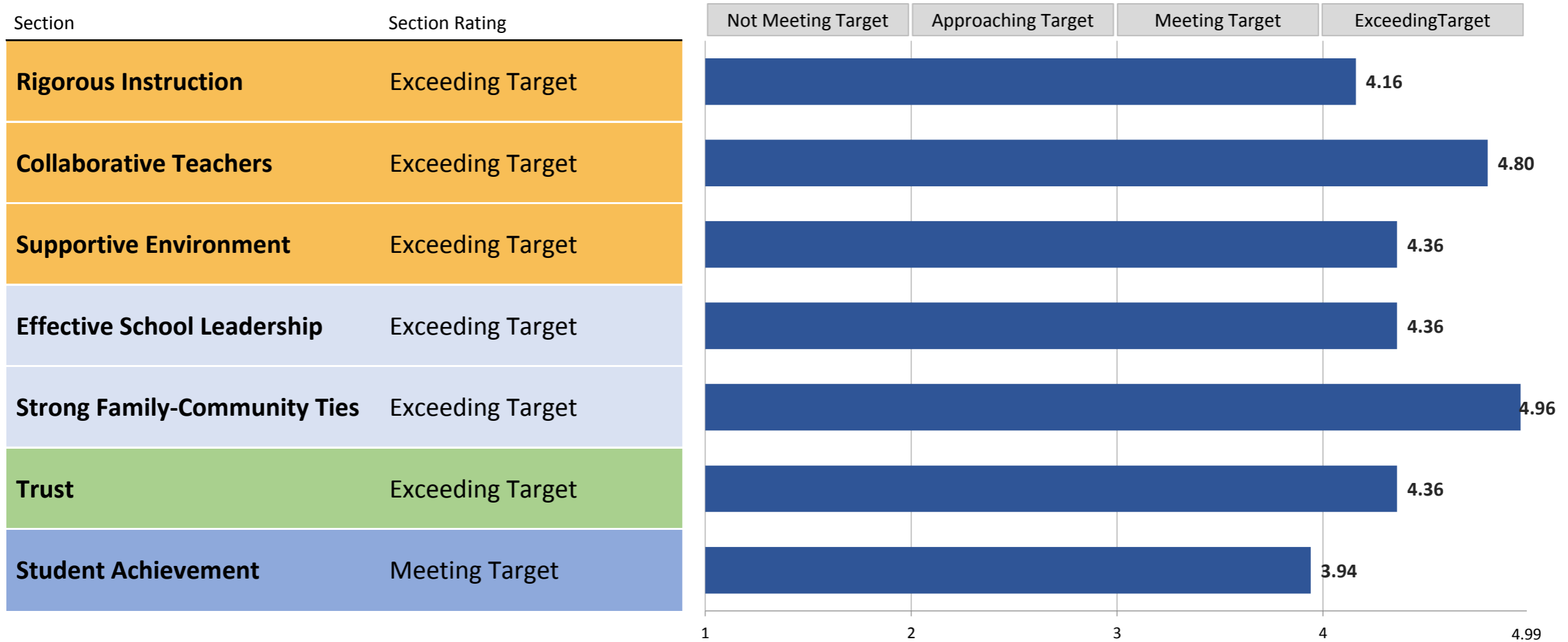
Summary of Section Ratings

17K543

Science, Technology and Research Early College High School at Erasmus

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

Grade	2012 - 2013	2013 - 2014	2014 - 2015
Grade 9	74	90	83
Grade 10	79	80	89
Grade 11	83	76	80
Grade 12	77	87	74
All students	313	333	326

Student Demographics

	2012 - 2013	2013 - 2014	2014 - 2015
% English Language Learners	0%	0%	0%
% Free Lunch Eligible	69%	69%	69%
% Student with IEPs	4%	5%	6%
% Student with IEPs (less than 20% time)	0%	0%	1%
% Overage Under-credited	1%	2%	1%
% HRA Eligible	-	43%	39%
% Temporary Housing	-	5%	3%
% Asian	4%	4%	4%
% Black	82%	83%	87%
% Hispanic	10%	9%	6%
% White	1%	1%	1%
% Other	0%	4%	2%
Average Incoming ELA Proficiency	3.06	2.88	3.01
Average Incoming Math Proficiency	3.39	2.78	2.85

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Student Achievement Scoring Appendix

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Student Achievement Rating Meeting Target	Student Achievement Score 3.94
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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			
Credit Accumulation									
● Percent of Students Earning 10+ Credits in 1st Year	76	94.7%	74.9%	84.7%	89.2%	93.4%	100.0%	4.20	4.17%
○ Percent of Students in School's Lowest Third Earning 10+ Credits in 1st Year	25	84.0%	53.7%	69.5%	78.4%	86.8%	100.0%	3.67	4.17%
○ Percent of Students Earning 10+ Credits in 2nd Year	92	91.3%	69.9%	81.5%	86.9%	92.0%	100.0%	3.86	4.17%
● Percent of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	28	85.7%	47.3%	65.2%	75.4%	85.0%	100.0%	4.05	4.17%
● Percent of Students Earning 10+ Credits in 3rd Year	80	90.0%	63.3%	76.0%	83.0%	89.6%	100.0%	4.04	4.17%
● Percent of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	24	87.5%	45.8%	64.1%	74.5%	84.4%	99.7%	4.20	4.17%
Regents Performance									
○ Average Completion Rate for Remaining Regents	114	83.5%	50.4%	69.3%	78.1%	86.4%	98.9%	3.65	4.17%
● Weighted Regents Pass Rate - ELA	104	1.35	0.67	0.90	1.05	1.19	1.41	4.73	4.17%
● Weighted Regents Pass Rate - Math	135	1.49	0.80	1.10	1.27	1.43	1.68	4.24	4.17%
○ Weighted Regents Pass Rate - Science	133	1.29	0.63	1.06	1.33	1.58	1.98	2.85	4.17%
○ Weighted Regents Pass Rate - Global History	87	0.90	0.65	0.87	0.99	1.10	1.28	2.25	4.17%
○ Weighted Regents Pass Rate - U.S. History	137	1.07	0.61	0.87	1.04	1.20	1.45	3.19	4.17%
Graduation / Diploma									
● 4-Year Graduation Rate	71	97.2%	69.5%	82.5%	89.3%	94.2%	100.0%	4.52	6.25%
● 6-Year Graduation Rate	81	98.8%	75.9%	85.8%	91.4%	95.3%	100.0%	4.74	6.25%
○ 4-Year Weighted Diploma Rate	71	245.8%	140.8%	184.1%	225.3%	254.4%	288.6%	3.70	6.25%
○ 6-Year Weighted Diploma Rate	81	229.6%	132.3%	175.1%	219.9%	251.6%	288.9%	3.31	6.25%
College and Career Readiness									
● College and Career Preparatory Course Index	71	90.1%	14.3%	31.1%	53.5%	71.8%	93.8%	4.83	5.00%
● 4-Year College Readiness Index	71	66.2%	10.1%	22.9%	41.4%	56.5%	78.3%	4.44	5.00%
○ 6-Year College Readiness Index with Persistence	81	77.8%	36.9%	52.7%	69.1%	82.5%	97.7%	3.65	5.00%
○ Postsecondary Enrollment Rate - 6 Months	85	80.0%	43.6%	58.4%	72.7%	84.5%	97.7%	3.62	5.00%
● Postsecondary Enrollment Rate - 18 Months	81	92.6%	53.2%	66.0%	78.0%	87.8%	99.1%	4.42	5.00%
								Weighted Average Score	3.94

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				
Four-Year Weighted Diploma Rate												
○ 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	2	2.8%	7.1%		0.0%	110.0%	197.0%	285.2%	420.0%		0.036	0.000
○ Lowest Third Citywide	3	4.2%	6.3%		0.0%	71.2%	127.5%	184.6%	271.8%		0.036	0.000
○ Black / Hispanic Males in Lowest Third Citywide	2	2.8%	7.2%		0.0%	65.3%	116.9%	169.2%	249.2%		0.036	0.000
College and Career Readiness												
○ Students in Lowest Third Citywide, College and Career Preparatory Course Index	3	4.2%	6.3%		0.0%	7.3%	13.0%	18.9%	27.8%		0.036	0.000
○ Students in Lowest Third Citywide, 4-Year College Readiness Index	3	4.2%	6.3%		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	10	11.8%	19.4%	60.0%	0.0%	11.4%	20.4%	29.5%	43.4%		0.036	0.000
											CtAG Additional Points	0.00
											Overall Student Achievement Score	3.94

- 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
Rigorous Instruction			
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	97%	4.64	34%
Section Rating: Exceeding Target	Section Score:	4.16	

Collaborative Teachers			
Quality Review 4.2	Well Developed	4.99	50%
NYC School Survey - Collaborative Teachers	96%	4.56	50%
Section Rating: Exceeding Target	Section Score:	4.80	

Supportive Environment			
Quality Review 3.4	Well Developed	4.99	30%
NYC School Survey - Supportive Environment	89%	4.24	35%
Percentage of students with 90%+ attendance			
EMS	94.3%	3.96	
HS	87.0%	3.88	
Overall	90.7%	3.92	30%
Movement of students with disabilities to less restrictive environments			
EMS	1.17	4.99	
HS	0.62	3.68	
Overall	0.89	4.34	5%
Section Rating: Exceeding Target	Section Score:	4.36	

Effective School Leadership			
NYC School Survey - Effective School Leadership	91%	4.36	100%
Section Rating: Exceeding Target	Section Score:	4.36	

Strong Family-Community Ties			
NYC School Survey - Strong Family-Community Ties	90%	4.96	100%
Section Rating: Exceeding Target	Section Score:	4.96	

Trust			
NYC School Survey - Trust	94%	4.36	100%
Section Rating: Exceeding Target	Section Score:	4.36	

		Survey % Positive	City Range			Percent of Range	Score	
			Bottom of Range	City Avg	Top of Range			
Rigorous Instruction								
•	Common Core shifts in literacy	Teachers	96	78.0	90.2	100.0	0.83	4.32
•	Common Core shifts in math	Teachers	100	73.4	86.8	100.0	1.00	4.99
•	Course clarity	Students	93	79.8	87.6	95.4	0.85	4.40
•	Quality of student discussion	Teachers	98	58.6	79.2	99.8	0.96	4.84
Section Results:			97%					4.64
Collaborative Teachers								
Cultural awareness:								
	Cultural awareness	Teachers	100	85.7	94.3	100.0	1.00	
	Cultural awareness	Parents	99	85.4	92.4	99.4	0.99	
	Cultural awareness	Students	88	69.5	80.9	92.3	0.81	
•	Cultural awareness	Combined	96				0.93	4.72
•	Inclusive classroom instruction	Teachers	96	81.4	92.4	100.0	0.79	4.16
•	Quality of professional development	Teachers	90	45.8	75.2	100.0	0.81	4.24
•	School commitment	Teachers	100	60.1	85.3	100.0	1.00	4.99
•	Innovation	Teachers	93	63.0	84.2	100.0	0.81	4.24
•	Reflective dialogue	Teachers	100	85.6	95.2	100.0	1.00	4.99
•	Peer collaboration	Teachers	98	72.0	89.8	100.0	0.92	4.68
•	Focus on student learning	Teachers	98	64.0	86.6	100.0	0.93	4.72
•	Collective responsibility	Teachers	91	54.5	80.5	100.0	0.81	4.24
Section Results:			96%					4.56
Supportive Environment								
Safety:								
	Safety	Teachers						
	Safety	Students	84	69.7	83.1	96.5	0.53	
	Safety	Combined	84				0.53	3.12
Classroom behavior:								
	Classroom behavior	Teachers						
	Classroom behavior	Students	89	67.0	80.4	93.8	0.83	
•	Classroom behavior	Combined	89				0.83	4.32
•	Social-emotional measure	Teachers	99	86.5	95.3	100.0	0.94	4.76
	Peer interactions	Students	83	63.1	76.5	89.9	0.73	3.92
•	Next-level guidance	Students	92	72.1	83.3	94.5	0.88	4.52
Press toward academic achievement:								
	Press toward academic achievement	Teachers						
	Press toward academic achievement	Students	94	80.3	87.9	95.5	0.87	
•	Press toward academic achievement	Combined	94				0.87	4.48
•	Personal attention and support	Students	88	73.6	83.0	92.4	0.76	4.04
Peer support for academic work:								
	Peer support for academic work	Teachers						
	Peer support for academic work	Parents	100	72.8	86.8	100.0	0.98	
	Peer support for academic work	Students	73	45.3	61.7	78.1	0.85	
•	Peer support for academic work	Combined	86				0.91	4.64
Section Results:			89%					4.24

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Effective School Leadership							
• Inclusive principal leadership	Parents	100	76.7	88.9	100.0	0.99	4.96
Teacher influence	Teachers	69	44.5	71.1	97.7	0.46	2.84
• Program coherence	Teachers	100	52.0	80.8	100.0	1.00	4.99
• Principal instructional leadership	Teachers	95	56.6	85.0	100.0	0.89	4.56
Section Results:		91%					4.36
Strong Family Community Ties							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	99	77.3	90.9	100.0	0.97	
Teacher outreach to parents	Parents	99	76.9	88.1	99.3	0.98	
• Teacher outreach to parents	Combined	99				0.98	4.92
• Parent involvement in the schools	Parents	81	48.2	65.0	81.8	0.99	4.96
Section Results:		90%					4.96
Trust							
• Parent-teacher trust	Parents	100	86.5	93.3	100.0	0.97	4.88
• Parent-principal trust	Parents	99	84.5	93.1	100.0	0.96	4.84
Student-teacher trust	Students	85	69.1	79.9	90.7	0.74	3.96
• Teacher-principal trust	Teachers	94	56.9	85.9	100.0	0.86	4.44
Teacher-teacher trust	Teachers	91	74.0	90.8	100.0	0.67	3.68
Section Results:		94%					4.36

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

17K543

Science, Technology and Research Early College Hig

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
Credit Accumulation					
10+ Credits in 1st Year - All Students	94.7%	81.5% or lower	81.6% to 86.6%	86.7% to 90.2%	90.3% or higher
10+ Credits in 1st Year - School's Lowest Third	84.0%	73.1% or lower	73.2% to 80.6%	80.7% to 85.8%	85.9% or higher
10+ Credits in 2nd Year - All Students	91.3%	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	85.7%	69.2% or lower	69.3% to 77.8%	77.9% to 83.8%	83.9% or higher
10+ Credits in 3rd Year - All Students	90.0%	77.4% or lower	77.5% to 83.7%	83.8% to 88.1%	88.2% or higher
10+ Credits in 3rd Year - School's Lowest Third	87.5%	69.4% or lower	69.5% to 77.9%	78.0% to 83.9%	84.0% or higher
Regents Performance					
Average Completion Rate for Remaining Regents	83.5%	75.7% or lower	75.8% to 82.4%	82.5% to 87.1%	87.2% or higher
Average Regents Score - English (non-Common Core)*	72.0	77.3 or lower	77.4 to 80.6	80.7 to 83.0	83.1 or higher
Average Regents Score - English (Common Core)*	84.0	79.9 or lower	80.0 to 84.9	85.0 to 87.7	87.8 or higher
Average Regents Score - Living Environment*	75.0	77.1 or lower	77.2 to 80.4	80.5 to 82.8	82.9 or higher
Average Regents Score - Global History*	75.0	75.7 or lower	75.8 to 79.2	79.3 to 81.7	81.8 or higher
Average Regents Score - US History*	80.0	79.9 or lower	80.0 to 84.6	84.7 to 87.4	87.5 or higher
Average Regents Score - Algebra I (Common Core)*	70.0	66.5 or lower	66.6 to 69.3	69.4 to 71.3	71.4 or higher
Graduation / Non-Dropout					
4-Year Graduation Rate	97.2%	82.6% or lower	82.7% to 87.4%	87.5% to 90.8%	90.9% or higher
6-Year Graduation Rate	98.8%	86.2% or lower	86.3% to 90.0%	90.1% to 92.7%	92.8% or higher
4-Year Non-Dropout Rate	100.0%	90.4% or lower	90.5% to 93.1%	93.2% to 94.9%	95.0% or higher
6-Year Non-Dropout Rate	100.0%	88.2% or lower	88.3% to 91.4%	91.5% to 93.7%	93.8% or higher
College and Career Readiness					
College and Career Preparatory Course Index	90.1%	59.6% or lower	59.7% to 70.2%	70.3% to 77.7%	77.8% or higher
4-Year College Readiness Index	66.2%	53.6% or lower	53.7% to 61.8%	61.9% to 67.6%	67.7% or higher
6-Year College Readiness Index with Persistence	77.8%	72.4% or lower	72.5% to 79.4%	79.5% to 84.2%	84.3% or higher
Postsecondary Enrollment Rate - 6 Months	80.0%	74.5% or lower	74.6% to 81.5%	81.6% to 86.4%	86.5% or higher
Postsecondary Enrollment Rate - 18 Months	92.6%	79.2% or lower	79.3% to 84.9%	85.0% to 88.9%	89.0% 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
Four-Year Graduation Rate					
English Language Learners					
Self-Contained / ICT / SETSS		66.9% or lower	67.0% to 76.0%	76.1% to 82.4%	82.5% or higher
Lowest Third Citywide		61.5% or lower	61.6% to 71.8%	71.9% to 79.0%	79.1% or higher
Black / Hispanic Males in Lowest Third Citywide					
College and Career Readiness of Students in Lowest Third Citywide					
College and Career Preparatory Course Index		24.4% or lower	24.5% to 35.6%	35.7% to 43.5%	43.6% or higher
4-Year College Readiness Index		5.7% or lower	5.8% to 8.6%	8.7% to 10.6%	10.7% or higher
Postsecondary Enrollment Rate - 6 Months	60.0%	52.3% or lower	52.4% to 61.0%	61.1% to 67.1%	67.2% 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 School Value	2015-16 Targets			
		Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target
Percentage of Students with 90%+ Attendance	87.0%	74.8% or lower	74.9% to 81.7%	81.8% to 86.6%	86.7% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.62	0.35 or lower	0.36 to 0.53	0.54 to 0.65	0.66 or higher