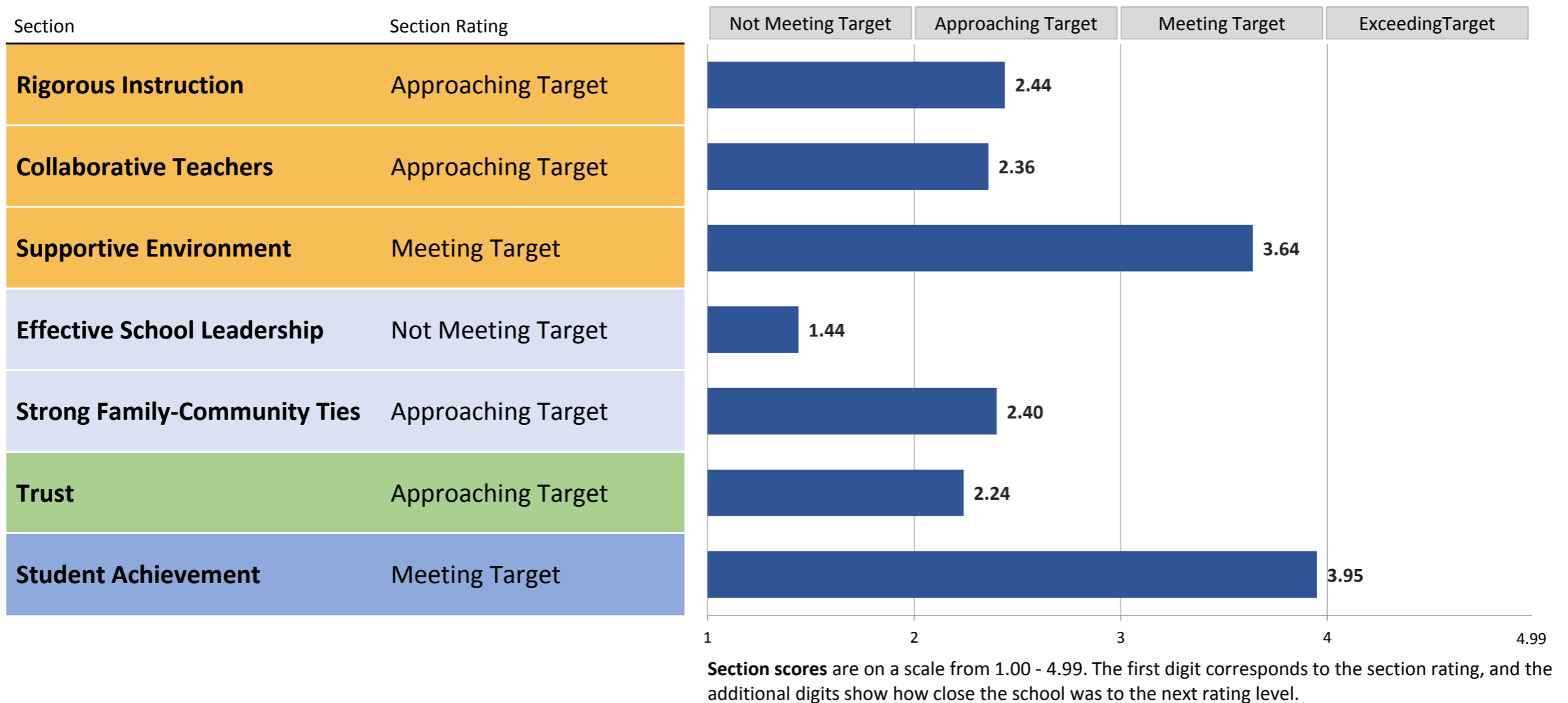


Framework for Great Schools

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

Grade	2012 - 2013	2013 - 2014	2014 - 2015
Grade 9	236	219	195
Grade 10	163	209	199
Grade 11	116	124	168
Grade 12	126	104	125
All students	641	656	687

Student Demographics

	2012 - 2013	2013 - 2014	2014 - 2015
% English Language Learners	3%	4%	3%
% Free Lunch Eligible	70%	70%	69%
% Student with IEPs	19%	19%	20%
% Student with IEPs (less than 20% time)	9%	10%	10%
% Overage Under-credited	6%	5%	4%
% HRA Eligible	-	-	48%
% Temporary Housing	-	-	6%
% Asian	10%	10%	12%
% Black	36%	34%	34%
% Hispanic	45%	46%	44%
% White	9%	10%	9%
% Other	0%	1%	2%
Average Incoming ELA Proficiency	2.94	2.70	2.75
Average Incoming Math Proficiency	3.23	2.58	2.62

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

11X288
Collegiate Institute for Math and Science

Student Achievement Rating Meeting Target	Student Achievement Score 3.95
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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	146	89.7%	65.2%	75.7%	82.3%	88.5%	98.4%	4.12	4.17%
● Percent of Students in School's Lowest Third Earning 10+ Credits in 1st Year	45	77.8%	39.7%	55.9%	66.6%	76.6%	93.0%	4.07	4.17%
● Percent of Students Earning 10+ Credits in 2nd Year	166	88.6%	58.1%	70.4%	78.2%	85.6%	97.5%	4.25	4.17%
● Percent of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	54	74.1%	32.6%	50.4%	62.1%	73.1%	91.2%	4.06	4.17%
Percent of Students Earning 10+ Credits in 3rd Year	213	78.9%	56.1%	68.7%	76.5%	83.9%	96.0%	3.32	4.17%
Percent of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	66	63.6%	32.7%	50.2%	61.3%	71.8%	89.3%	3.22	4.17%
Regents Performance									
Average Completion Rate for Remaining Regents	412	60.3%	32.3%	50.0%	60.5%	70.4%	87.0%	2.98	4.17%
Weighted Regents Pass Rate - ELA	217	1.01	0.63	0.84	0.98	1.10	1.31	3.25	4.17%
● Weighted Regents Pass Rate - Math	298	1.31	0.64	0.93	1.11	1.28	1.56	4.11	4.17%
Weighted Regents Pass Rate - Science	307	1.30	0.55	0.93	1.16	1.38	1.76	3.64	4.17%
Weighted Regents Pass Rate - Global History	226	0.83	0.47	0.70	0.84	0.98	1.21	2.93	4.17%
Weighted Regents Pass Rate - U.S. History	192	1.08	0.57	0.81	0.97	1.13	1.37	3.69	4.17%
Graduation / Diploma									
4-Year Graduation Rate	163	82.2%	52.1%	65.6%	78.8%	88.2%	99.5%	3.36	6.25%
6-Year Graduation Rate	146	89.7%	61.7%	72.3%	83.1%	90.8%	100.0%	3.86	6.25%
4-Year Weighted Diploma Rate	163	215.6%	121.8%	161.6%	200.2%	227.5%	262.3%	3.56	6.25%
● 6-Year Weighted Diploma Rate	146	246.2%	124.0%	161.3%	199.1%	225.8%	259.3%	4.61	6.25%
College and Career Readiness									
College and Career Preparatory Course Index	163	57.7%	12.0%	28.0%	48.8%	65.9%	86.0%	3.52	5.00%
● 4-Year College Readiness Index	163	62.0%	3.9%	15.8%	31.7%	44.7%	60.9%	4.99	5.00%
● 6-Year College Readiness Index with Persistence	146	74.7%	25.5%	40.1%	56.6%	70.0%	86.5%	4.28	5.00%
Postsecondary Enrollment Rate - 6 Months	124	72.6%	29.7%	43.7%	59.8%	73.0%	88.9%	3.97	5.00%
● Postsecondary Enrollment Rate - 18 Months	146	80.8%	40.1%	52.5%	67.0%	78.8%	93.2%	4.14	5.00%
								Weighted Average Score	3.83

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	14	8.6%	15.4%	178.6%	25.9%	103.0%	163.9%	225.7%	320.1%		0.036	0.000
Self-Contained / ICT / SETSS	26	16.0%	40.6%	223.1%	0.0%	110.0%	197.0%	285.2%	420.0%	3.30	0.036	0.021
Lowest Third Citywide	28	17.2%	25.8%	166.1%	0.0%	71.2%	127.5%	184.6%	271.8%	3.68	0.036	0.024
Black / Hispanic Males in Lowest Third Citywide	14	8.6%	22.1%	146.4%	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	28	17.2%	25.8%	7.1%	0.0%	7.3%	13.0%	18.9%	27.8%	1.97	0.036	0.009
● Students in Lowest Third Citywide, 4-Year College Readiness Index	28	17.2%	25.8%	14.3%	0.0%	1.4%	2.5%	3.7%	5.4%	4.99	0.036	0.036
● Students in the Lowest Third Citywide, Postsecondary Enrollment Rate - 6 Months	30	24.2%	39.8%	36.7%	0.0%	11.4%	20.4%	29.5%	43.4%	4.52	0.036	0.032
											CtAG Additional Points	0.12
											Overall Student Achievement Score	3.95

- 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	Developing	2.00	22%
Quality Review 1.2	Developing	2.00	22%
Quality Review 2.2	Proficient	3.40	22%
NYC School Survey - Rigorous Instruction	80%	2.36	34%
Section Rating: Approaching Target	Section Score:	2.44	

Collaborative Teachers			
Quality Review 4.2	Proficient	3.40	50%
NYC School Survey - Collaborative Teachers	65%	1.32	50%
Section Rating: Approaching Target	Section Score:	2.36	

Supportive Environment			
Quality Review 3.4	Well Developed	4.99	30%
NYC School Survey - Supportive Environment	80%	2.72	35%
Percentage of students with 90%+ attendance			
EMS			
HS	69.1%	3.20	
Overall	69.1%	3.20	30%
Movement of students with disabilities to less restrictive environments			
EMS			
HS	0.97	4.89	
Overall	0.97	4.89	5%
Section Rating: Meeting Target	Section Score:	3.64	

Effective School Leadership			
NYC School Survey - Effective School Leadership	54%	1.44	100%
Section Rating: Not Meeting Target	Section Score:	1.44	

Strong Family-Community Ties			
NYC School Survey - Strong Family-Community Ties	69%	2.40	100%
Section Rating: Approaching Target	Section Score:	2.40	

Trust			
NYC School Survey - Trust	77%	2.24	100%
Section Rating: Approaching Target	Section Score:	2.24	

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Rigorous Instruction							
○ Common Core shifts in literacy	Teachers	80	76.8	89.4	100.0	0.14	1.56
○ Common Core shifts in math	Teachers	76	69.2	85.8	100.0	0.21	1.84
○ Course clarity	Students	88	77.5	86.9	96.3	0.55	3.20
○ Quality of student discussion	Teachers	76	55.8	77.8	99.8	0.47	2.88
Section Results:		80%					2.36
Collaborative Teachers							
Cultural awareness:							
○ Cultural awareness	Teachers	84	85.4	94.4	100.0	0.00	
○ Cultural awareness	Parents	93	82.3	91.9	100.0	0.58	
○ Cultural awareness	Students	73	66.6	80.6	94.6	0.24	
○ Cultural awareness	Combined	83				0.27	2.08
○ Inclusive classroom instruction	Teachers	81	82.7	93.1	100.0	0.00	1.00
○ Quality of professional development	Teachers	47	50.4	75.6	100.0	0.00	1.00
○ School commitment	Teachers	41	53.7	82.3	100.0	0.00	1.00
○ Innovation	Teachers	63	65.9	84.5	100.0	0.00	1.00
○ Reflective dialogue	Teachers	85	85.1	95.3	100.0	0.25	2.00
○ Peer collaboration	Teachers	68	75.2	90.6	100.0	0.00	1.00
○ Focus on student learning	Teachers	49	60.0	85.2	100.0	0.00	1.00
○ Collective responsibility	Teachers	66	58.1	80.7	100.0	0.18	1.72
Section Results:		65%					1.32
Supportive Environment							
Safety:							
○ Safety	Teachers						
○ Safety	Students	77	67.5	82.9	98.3	0.30	
○ Safety	Combined	77				0.30	2.20
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	88	86.6	95.2	100.0	0.25	2.00
○ Peer interactions	Students	72	58.2	74.4	90.6	0.42	2.68
○ Next-level guidance	Students	83	71.4	83.6	95.8	0.49	2.96
Press toward academic achievement:							
○ Press toward academic achievement	Teachers						
○ Press toward academic achievement	Students	88	76.3	86.1	95.9	0.57	
○ Press toward academic achievement	Combined	88				0.57	3.28
○ Personal attention and support	Students	78	69.0	81.8	94.6	0.34	2.36
Peer support for academic work:							
○ Peer support for academic work	Teachers						
○ Peer support for academic work	Parents	86	68.1	85.5	100.0	0.56	
○ Peer support for academic work	Students	64	41.0	61.6	82.2	0.56	
○ Peer support for academic work	Combined	75				0.56	3.24
Section Results:		80%					2.72

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Effective School Leadership							
Inclusive principal leadership	Parents	87	76.5	88.9	100.0	0.43	2.72
○ Teacher influence	Teachers	35	40.6	71.4	100.0	0.00	1.00
○ Program coherence	Teachers	48	57.0	82.6	100.0	0.00	1.00
○ Principal instructional leadership	Teachers	44	58.2	84.6	100.0	0.00	1.00
Section Results:		54%					1.44
Strong Family Community Ties							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	69	75.2	89.0	100.0	0.00	
Teacher outreach to parents	Parents	87	76.7	88.1	99.5	0.46	
○ Teacher outreach to parents	Combined	78				0.23	1.92
Parent involvement in the schools	Parents	60	41.2	61.0	80.8	0.47	2.88
Section Results:		69%					2.40
Trust							
Parent-teacher trust	Parents	93	84.9	93.1	100.0	0.54	3.16
Parent-principal trust	Parents	93	84.5	93.7	100.0	0.55	3.20
Student-teacher trust	Students	78	68.5	81.1	93.7	0.39	2.56
○ Teacher-principal trust	Teachers	42	55.0	84.0	100.0	0.00	1.00
○ Teacher-teacher trust	Teachers	77	75.7	90.9	100.0	0.05	1.20
Section Results:		77%					2.24

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
Credit Accumulation					
10+ Credits in 1st Year - All Students	89.7%	75.4% or lower	75.5% to 82.3%	82.4% to 87.1%	87.2% or higher
10+ Credits in 1st Year - School's Lowest Third	77.8%	57.7% or lower	57.8% to 68.8%	68.9% to 76.6%	76.7% or higher
10+ Credits in 2nd Year - All Students	88.6%	76.5% or lower	76.6% to 83.0%	83.1% to 87.6%	87.7% or higher
10+ Credits in 2nd Year - School's Lowest Third	74.1%	56.2% or lower	56.3% to 66.9%	67.0% to 74.4%	74.5% or higher
10+ Credits in 3rd Year - All Students	78.9%	73.6% or lower	73.7% to 80.9%	81.0% to 86.1%	86.2% or higher
10+ Credits in 3rd Year - School's Lowest Third	63.6%	54.5% or lower	54.6% to 65.0%	65.1% to 72.4%	72.5% or higher
Regents Performance					
Average Completion Rate for Remaining Regents	60.3%	54.3% or lower	54.4% to 61.2%	61.3% to 66.0%	66.1% or higher
Average Regents Score - English (non-Common Core)*	78.0	71.1 or lower	71.2 to 74.5	74.6 to 76.8	76.9 or higher
Average Regents Score - English (Common Core)*	80.0	76.9 or lower	77.0 to 80.7	80.8 to 83.4	83.5 or higher
Average Regents Score - Living Environment*	72.0	68.2 or lower	68.3 to 71.6	71.7 to 73.9	74.0 or higher
Average Regents Score - Global History*	68.0	67.8 or lower	67.9 to 71.3	71.4 to 73.8	73.9 or higher
Average Regents Score - US History*	80.0	73.6 or lower	73.7 to 77.5	77.6 to 80.4	80.5 or higher
Average Regents Score - Algebra I (Common Core)*	69.0	61.0 or lower	61.1 to 63.8	63.9 to 65.8	65.9 or higher
Graduation / Non-Dropout					
4-Year Graduation Rate	82.2%	76.0% or lower	76.1% to 82.6%	82.7% to 87.3%	87.4% or higher
6-Year Graduation Rate	89.7%	78.6% or lower	78.7% to 84.2%	84.3% to 88.1%	88.2% or higher
4-Year Non-Dropout Rate	87.7%	86.8% or lower	86.9% to 90.5%	90.6% to 93.0%	93.1% or higher
6-Year Non-Dropout Rate	90.4%	81.1% or lower	81.2% to 86.0%	86.1% to 89.5%	89.6% or higher
College and Career Readiness					
College and Career Preparatory Course Index	57.7%	45.4% or lower	45.5% to 58.4%	58.5% to 67.5%	67.6% or higher
4-Year College Readiness Index	62.0%	34.0% or lower	34.1% to 42.3%	42.4% to 48.0%	48.1% or higher
6-Year College Readiness Index with Persistence	74.7%	53.0% or lower	53.1% to 59.9%	60.0% to 64.8%	64.9% or higher
Postsecondary Enrollment Rate - 6 Months	72.6%	65.6% or lower	65.7% to 73.9%	74.0% to 79.8%	79.9% or higher
Postsecondary Enrollment Rate - 18 Months	80.8%	68.6% or lower	68.7% to 74.7%	74.8% to 79.0%	79.1% 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
Four-Year Graduation Rate					
English Language Learners	50.0%	53.7% or lower	53.8% to 64.5%	64.6% to 72.0%	72.1% or higher
Self-Contained / ICT / SETSS	50.0%	48.9% or lower	49.0% to 60.4%	60.5% to 68.5%	68.6% or higher
Lowest Third Citywide					
Lowest Third Citywide	50.0%	46.2% or lower	46.3% to 57.2%	57.3% to 64.9%	65.0% or higher
Black / Hispanic Males in Lowest Third Citywide	35.7%	41.8% or lower	41.9% to 53.7%	53.8% to 62.0%	62.1% or higher
College and Career Readiness of Students in Lowest Third Citywide					
College and Career Preparatory Course Index	7.1%	14.9% or lower	15.0% to 22.4%	22.5% to 27.7%	27.8% or higher
4-Year College Readiness Index	14.3%	3.9% or lower	4.0% to 5.9%	6.0% to 7.3%	7.4% or higher
Postsecondary Enrollment Rate - 6 Months	36.7%	22.9% or lower	23.0% to 31.7%	31.8% to 37.8%	37.9% 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	69.1%	66.3% or lower	66.4% to 73.6%	73.7% to 78.7%	78.8% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.97	0.45 or lower	0.46 to 0.60	0.61 to 0.70	0.71 or higher