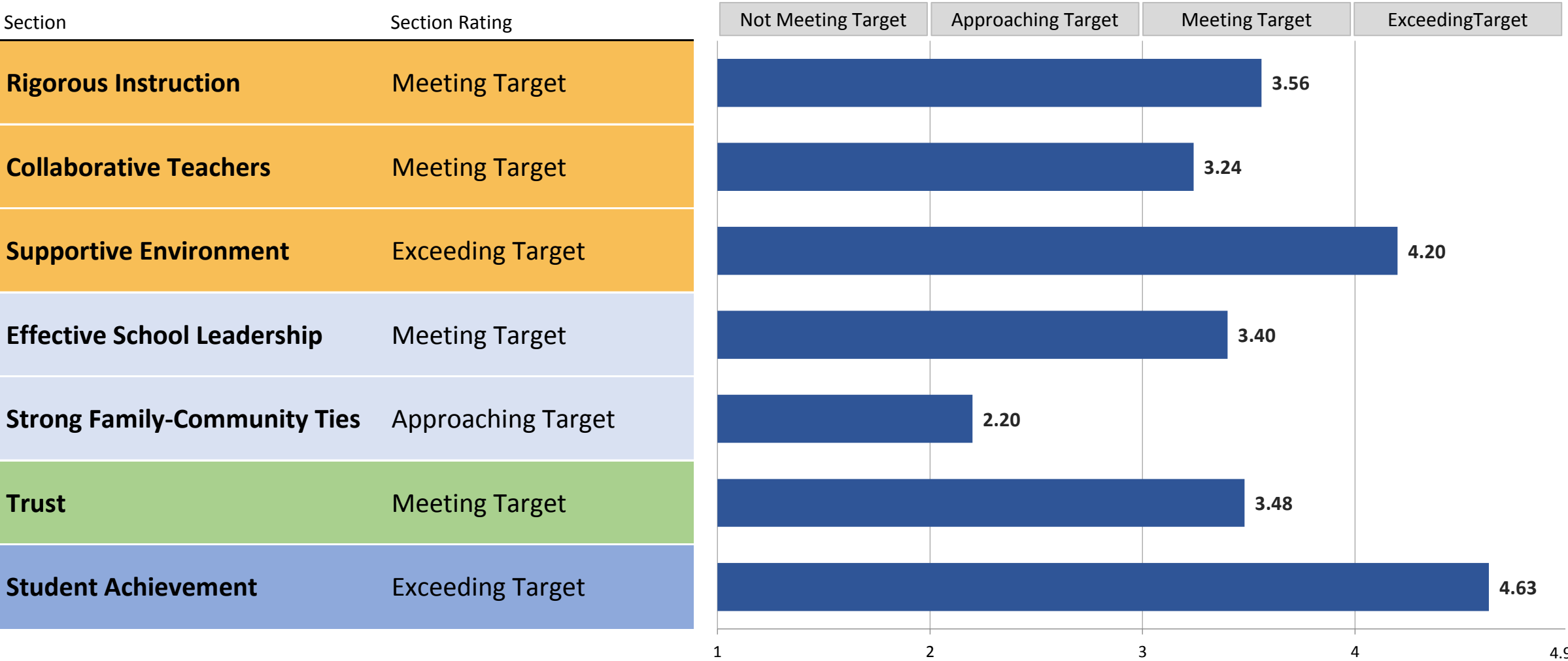


Framework for Great Schools

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: 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>

**2014-15 School Quality Guide / HS**  
**School Enrollment and Demographic Data**

10X445  
 Bronx High School of Science

**Student Enrollment**

Grade	2012 - 2013	2013 - 2014	2014 - 2015
Grade 9	805	755	750
Grade 10	759	798	745
Grade 11	745	736	784
Grade 12	751	748	736
<b>All students</b>	<b>3060</b>	<b>3037</b>	<b>3015</b>

**Student Demographics**

	2012 - 2013	2013 - 2014	2014 - 2015
% English Language Learners	0%	0%	0%
% Free Lunch Eligible	33%	33%	33%
% Student with IEPs	2%	2%	2%
% Student with IEPs (less than 20% time)	0%	0%	0%
% Overage Under-credited	0%	0%	0%
% HRA Eligible	-	-	18%
% Temporary Housing	-	-	1%
% Asian	63%	62%	63%
% Black	3%	3%	3%
% Hispanic	7%	6%	6%
% White	23%	23%	22%
% Other	0%	5%	7%
Average Incoming ELA Proficiency	3.66	3.84	3.85
Average Incoming Math Proficiency	4.16	3.95	3.98

Student Achievement Rating	Student Achievement Score
Exceeding Target	4.63

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	747	99.7%	82.8%	92.8%	94.9%	96.9%	100.0%	4.90	4.17%
●	Percent of Students in School's Lowest Third Earning 10+ Credits in 1st Year	228	99.1%	69.0%	84.4%	89.0%	93.3%	100.0%	4.87	4.17%
●	Percent of Students Earning 10+ Credits in 2nd Year	744	99.3%	77.6%	89.4%	92.5%	95.4%	100.0%	4.85	4.17%
●	Percent of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	229	98.7%	61.7%	79.0%	85.1%	90.9%	100.0%	4.86	4.17%
●	Percent of Students Earning 10+ Credits in 3rd Year	783	99.2%	69.8%	82.1%	87.3%	92.3%	100.0%	4.90	4.17%
●	Percent of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	235	98.7%	57.0%	74.6%	82.0%	88.9%	99.7%	4.91	4.17%
Regents Performance										
●	Average Completion Rate for Remaining Regents	1458	99.9%	62.5%	81.7%	87.0%	91.9%	98.9%	4.99	4.17%
●	Weighted Regents Pass Rate - ELA	878	1.22	0.66	0.94	1.13	1.32	1.61	4.00	4.17%
	Weighted Regents Pass Rate - Math	1977	1.22	0.90	1.15	1.26	1.36	1.54	3.00	4.17%
●	Weighted Regents Pass Rate - Science	2238	1.67	0.36	1.17	1.75	2.31	3.40	4.00	4.17%
●	Weighted Regents Pass Rate - Global History	742	1.16	0.67	0.92	1.07	1.20	1.41	4.00	4.17%
●	Weighted Regents Pass Rate - U.S. History	790	1.32	0.73	0.99	1.15	1.31	1.54	4.04	4.17%
Graduation / Diploma										
●	4-Year Graduation Rate	737	99.1%	77.6%	91.7%	94.9%	97.2%	100.0%	4.68	6.25%
●	6-Year Graduation Rate	752	99.9%	82.4%	93.0%	95.7%	97.7%	100.0%	4.96	6.25%
●	4-Year Weighted Diploma Rate	737	294.9%	171.7%	215.8%	251.5%	276.8%	304.2%	4.66	6.25%
●	6-Year Weighted Diploma Rate	752	287.1%	169.8%	211.1%	248.2%	274.4%	303.1%	4.44	6.25%
College and Career Readiness										
●	College and Career Preparatory Course Index	737	100.0%	48.2%	64.4%	75.9%	85.4%	93.8%	4.99	5.00%
●	4-Year College Readiness Index	737	99.1%	40.0%	50.3%	63.6%	74.4%	87.0%	4.99	5.00%
●	6-Year College Readiness Index with Persistence	752	99.9%	58.4%	76.2%	84.4%	91.2%	97.7%	4.99	5.00%
●	Postsecondary Enrollment Rate - 6 Months	748	98.9%	58.5%	74.7%	83.5%	90.7%	98.1%	4.99	5.00%
●	Postsecondary Enrollment Rate - 18 Months	752	97.9%	66.1%	80.1%	87.1%	92.9%	99.1%	4.81	5.00%
Weighted Average Score									4.63	

Closing the Achievement Gap (CtAG) Metrics	2014-15 Targets											
	n	2014-15 School Population %	Population % of Range	2014-15 School Value	Bottom of Target Range	Approaching Target	Meeting Target	Exceeding Target	Top of Target Range	Metric Score	Extra Points Possible	Extra Points Earned
Four-Year Weighted Diploma Rate												
English Language Learners	6	0.8%	1.4%	350.0%	25.9%	103.0%	163.9%	225.7%	320.1%		0.036	0.000
Self-Contained / ICT / SETSS	11	1.5%	3.8%	609.1%	0.0%	110.0%	197.0%	285.2%	420.0%		0.036	0.000
Lowest Third Citywide		0.0%	0.0%		0.0%	71.2%	127.5%	184.6%	271.8%		0.036	0.000
Black / Hispanic Males in Lowest Third Citywide		0.0%	0.0%		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		0.0%	0.0%		0.0%	7.3%	13.0%	18.9%	27.8%		0.036	0.000
Students in Lowest Third Citywide, 4-Year College Readiness Index		0.0%	0.0%		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		0.0%	0.0%		0.0%	11.4%	20.4%	29.5%	43.4%		0.036	0.000
CtAG Additional Points											0.00	
Overall Student Achievement Score											4.63	

● 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	25%
Quality Review 1.2	Proficient	3.40	25%
Quality Review 2.2	Proficient	3.40	25%
NYC School Survey - Rigorous Instruction	80%	2.36	25%
Section Rating: Meeting Target	Section Score:	3.56	

<b>Collaborative Teachers</b>			
Quality Review 4.2	Proficient	3.40	67%
NYC School Survey - Collaborative Teachers	83%	2.96	33%
Section Rating: Meeting Target	Section Score:	3.24	

<b>Supportive Environment</b>			
Quality Review 3.4	Well Developed	4.99	30%
NYC School Survey - Supportive Environment	87%	3.60	35%
Percentage of students with 90%+ attendance			
EMS			
HS	94.5%	4.20	
Overall	94.5%	4.20	30%
Movement of students with disabilities to less restrictive environments			
EMS			
HS	0.52	3.22	
Overall	0.52	3.22	5%
Section Rating: Exceeding Target	Section Score:	4.20	

<b>Effective School Leadership</b>			
NYC School Survey - Effective School Leadership	81%	3.40	100%
Section Rating: Meeting Target	Section Score:	3.40	

<b>Strong Family-Community Ties</b>			
NYC School Survey - Strong Family-Community Ties	68%	2.20	100%
Section Rating: Approaching Target	Section Score:	2.20	

<b>Trust</b>			
NYC School Survey - Trust	89%	3.48	100%
Section Rating: Meeting Target	Section Score:	3.48	

**2014-15 School Quality Reports**  
**Framework Elements - Survey Scoring Appendix**

10X445  
 Bronx High School of Science

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Rigorous Instruction							
○ Common Core shifts in literacy	Teachers	73	76.8	89.4	100.0	0.00	1.00
Common Core shifts in math	Teachers	81	69.2	85.8	100.0	0.38	2.52
Course clarity	Students	84	77.5	86.9	96.3	0.37	2.48
Quality of student discussion	Teachers	82	55.8	77.8	99.8	0.60	3.40
Section Results:		80%					2.36
Collaborative Teachers							
Cultural awareness:							
Cultural awareness	Teachers	87	85.4	94.4	100.0	0.25	
Cultural awareness	Parents	91	82.3	91.9	100.0	0.50	
Cultural awareness	Students	77	66.6	80.6	94.6	0.36	
Cultural awareness	Combined	85				0.37	2.48
Inclusive classroom instruction	Teachers	87	82.7	93.1	100.0	0.25	2.00
Quality of professional development	Teachers	66	50.4	75.6	100.0	0.30	2.20
School commitment	Teachers	88	53.7	82.3	100.0	0.74	3.96
Innovation	Teachers	75	65.9	84.5	100.0	0.27	2.08
● Reflective dialogue	Teachers	97	85.1	95.3	100.0	0.77	4.08
Peer collaboration	Teachers	91	75.2	90.6	100.0	0.64	3.56
Focus on student learning	Teachers	87	60.0	85.2	100.0	0.67	3.68
Collective responsibility	Teachers	74	58.1	80.7	100.0	0.38	2.52
Section Results:		83%					2.96
Supportive Environment							
Safety:							
Safety	Teachers						
Safety	Students	89	67.5	82.9	98.3	0.68	
Safety	Combined	89				0.68	3.72
Classroom behavior:							
Classroom behavior	Teachers						
Classroom behavior	Students	89	68.3	82.1	95.9	0.76	
● Classroom behavior	Combined	89				0.76	4.04
Social-emotional measure	Teachers	94	86.6	95.2	100.0	0.54	3.16
Peer interactions	Students	78	58.2	74.4	90.6	0.61	3.44
Next-level guidance	Students	86	71.4	83.6	95.8	0.61	3.44
Press toward academic achievement:							
Press toward academic achievement	Teachers						
Press toward academic achievement	Students	92	76.3	86.1	95.9	0.80	
● Press toward academic achievement	Combined	92				0.80	4.20
Personal attention and support	Students	75	69.0	81.8	94.6	0.25	2.00
Peer support for academic work:							
Peer support for academic work	Teachers						
Peer support for academic work	Parents	98	68.1	85.5	100.0	0.93	
Peer support for academic work	Students	82	41.0	61.6	82.2	1.00	
● Peer support for academic work	Combined	90				0.97	4.88
Section Results:		87%					3.60

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Effective School Leadership							
● Inclusive principal leadership	Parents	94	76.5	88.9	100.0	0.75	4.00
Teacher influence	Teachers	60	40.6	71.4	100.0	0.33	2.32
Program coherence	Teachers	86	57.0	82.6	100.0	0.67	3.68
Principal instructional leadership	Teachers	85	58.2	84.6	100.0	0.65	3.60
Section Results:		81%					3.40
Strong Family Community Ties							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	87	75.2	89.0	100.0	0.47	
Teacher outreach to parents	Parents	83	76.7	88.1	99.5	0.25	
Teacher outreach to parents	Combined	85				0.36	2.44
○ Parent involvement in the schools	Parents	51	41.2	61.0	80.8	0.24	1.96
Section Results:		68%					2.20
Trust							
Parent-teacher trust	Parents	94	84.9	93.1	100.0	0.60	3.40
● Parent-principal trust	Parents	96	84.5	93.7	100.0	0.76	4.04
Student-teacher trust	Students	82	68.5	81.1	93.7	0.54	3.16
Teacher-principal trust	Teachers	85	55.0	84.0	100.0	0.68	3.72
Teacher-teacher trust	Teachers	88	75.7	90.9	100.0	0.52	3.08
Section Results:		89%					3.48

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	99.7%	83.4% or lower	83.5% to 88.0%	88.1% to 91.2%	91.3% or higher
10+ Credits in 1st Year - School's Lowest Third	99.1%	76.7% or lower	76.8% to 83.2%	83.3% to 87.7%	87.8% or higher
10+ Credits in 2nd Year - All Students	99.3%	84.7% or lower	84.8% to 88.9%	89.0% to 91.9%	92.0% or higher
10+ Credits in 2nd Year - School's Lowest Third	98.7%	78.3% or lower	78.4% to 84.3%	84.4% to 88.6%	88.7% or higher
10+ Credits in 3rd Year - All Students	99.2%	84.1% or lower	84.2% to 88.5%	88.6% to 91.6%	91.7% or higher
10+ Credits in 3rd Year - School's Lowest Third	98.7%	78.7% or lower	78.8% to 84.6%	84.7% to 88.8%	88.9% or higher
Regents Performance					
Average Completion Rate for Remaining Regents	99.9%	86.2% or lower	86.3% to 90.0%	90.1% to 92.7%	92.8% or higher
Average Regents Score - English (non-Common Core)*	93.0	79.9 or lower	80.0 to 84.9	85.0 to 89.9	90.0 or higher
Average Regents Score - English (Common Core)*		79.9 or lower	80.0 to 84.9	85.0 to 89.9	90.0 or higher
Average Regents Score - Living Environment*	93.0	79.9 or lower	80.0 to 84.9	85.0 to 89.9	90.0 or higher
Average Regents Score - Global History*	95.0	79.9 or lower	80.0 to 84.9	85.0 to 89.9	90.0 or higher
Average Regents Score - US History*	97.0	79.9 or lower	80.0 to 84.9	85.0 to 89.9	90.0 or higher
Average Regents Score - Algebra I (Common Core)*	84.0	73.5 or lower	73.6 to 76.3	76.4 to 78.2	78.3 or higher
Graduation / Non-Dropout					
4-Year Graduation Rate	99.1%	85.5% or lower	85.6% to 89.5%	89.6% to 92.3%	92.4% or higher
6-Year Graduation Rate	99.9%	88.8% or lower	88.9% to 91.9%	92.0% to 94.1%	94.2% or higher
4-Year Non-Dropout Rate	99.9%	91.3% or lower	91.4% to 93.7%	93.8% to 95.4%	95.5% or higher
6-Year Non-Dropout Rate	99.9%	90.1% or lower	90.2% to 92.8%	92.9% to 94.7%	94.8% or higher
College and Career Readiness					
College and Career Preparatory Course Index	100.0%	72.9% or lower	73.0% to 80.0%	80.1% to 85.0%	85.1% or higher
4-Year College Readiness Index	99.1%	79.2% or lower	79.3% to 84.0%	84.1% to 87.3%	87.4% or higher
6-Year College Readiness Index with Persistence	99.9%	85.8% or lower	85.9% to 89.7%	89.8% to 92.4%	92.5% or higher
Postsecondary Enrollment Rate - 6 Months	98.9%	81.8% or lower	81.9% to 86.8%	86.9% to 90.2%	90.3% or higher
Postsecondary Enrollment Rate - 18 Months	97.9%	86.4% or lower	86.5% to 90.1%	90.2% to 92.8%	92.9% 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	100.0%	74.2% or lower	74.3% to 81.3%	81.4% to 86.4%	86.5% or higher
Self-Contained / ICT / SETSS	100.0%	68.5% or lower	68.6% to 77.1%	77.2% to 83.2%	83.3% or higher

Lowest Third Citywide
Black / Hispanic Males in Lowest Third Citywide

College and Career Readiness of Students in Lowest Third Citywide

College and Career Preparatory Course Index
4-Year College Readiness Index
Postsecondary Enrollment Rate - 6 Months

\*\*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	94.5%	81.7% or lower	81.8% to 86.7%	86.8% to 90.3%	90.4% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.52	0.35 or lower	0.36 to 0.53	0.54 to 0.65	0.66 or higher