

2014-15 School Quality Guide / HS

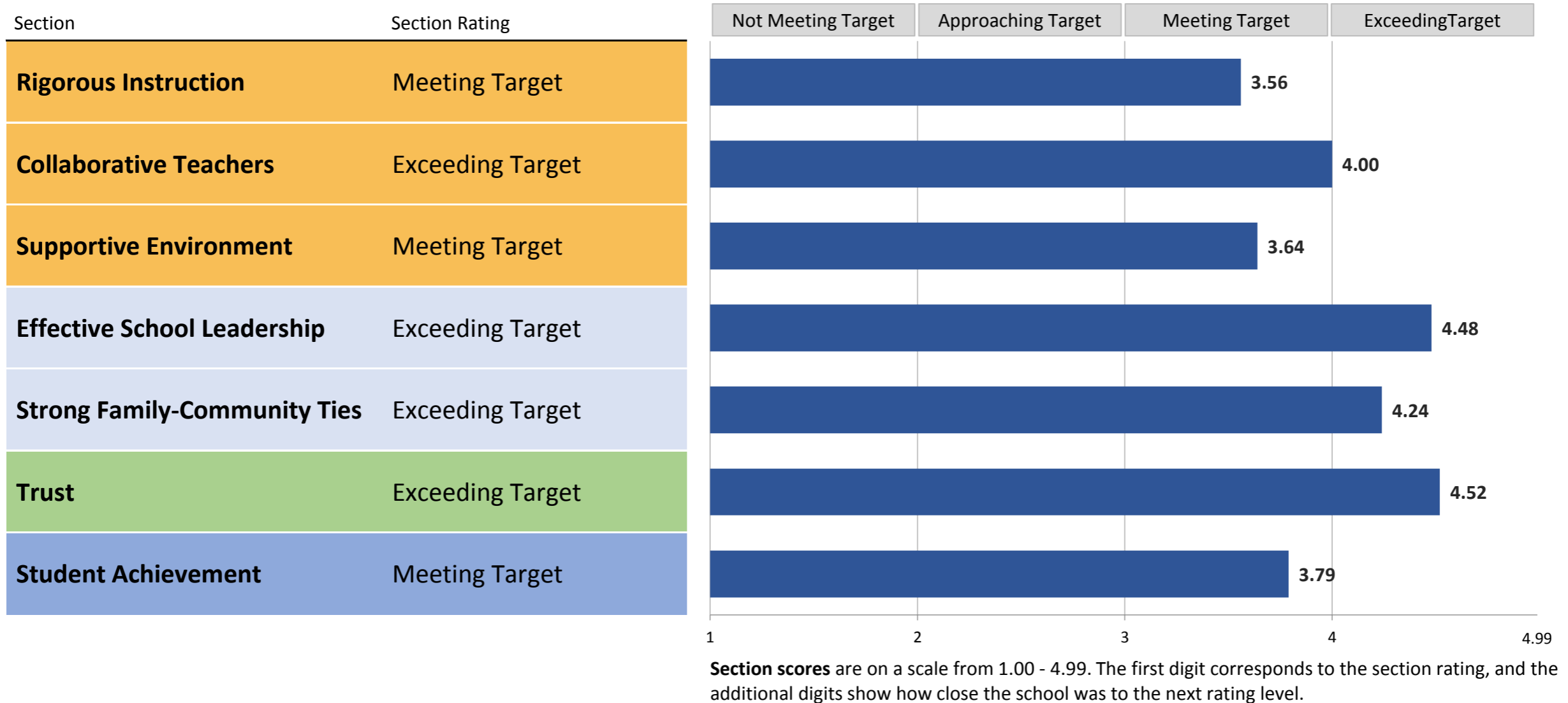
Summary of Section Ratings

10X549

Discovery High School

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>

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

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 Discovery High School

Student Enrollment

Grade	2012 - 2013	2013 - 2014	2014 - 2015
Grade 9	158	133	138
Grade 10	196	183	143
Grade 11	130	173	157
Grade 12	52	53	92
All students	536	542	530

Student Demographics

	2012 - 2013	2013 - 2014	2014 - 2015
% English Language Learners	24%	22%	21%
% Free Lunch Eligible	86%	86%	79%
% Student with IEPs	24%	28%	27%
% Student with IEPs (less than 20% time)	13%	15%	14%
% Overage Under-credited	10%	11%	12%
% HRA Eligible	-	-	62%
% Temporary Housing	-	-	11%
% Asian	3%	3%	2%
% Black	16%	17%	17%
% Hispanic	79%	79%	77%
% White	2%	1%	2%
% Other	0%	1%	1%
Average Incoming ELA Proficiency	2.49	2.19	2.20
Average Incoming Math Proficiency	2.64	2.09	2.09

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

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Discovery High School

Student Achievement Rating Meeting Target	Student Achievement Score 3.79
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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	121	78.5%	53.7%	65.3%	73.4%	81.1%	93.3%	3.66	4.17%
Percent of Students in School's Lowest Third Earning 10+ Credits in 1st Year	39	59.0%	28.2%	45.7%	58.0%	69.5%	88.2%	3.09	4.17%
Percent of Students Earning 10+ Credits in 2nd Year	123	67.5%	44.1%	57.3%	66.6%	75.3%	89.6%	3.10	4.17%
Percent of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	39	51.3%	18.0%	37.0%	50.3%	62.8%	83.5%	3.08	4.17%
Percent of Students Earning 10+ Credits in 3rd Year	128	65.6%	43.8%	55.6%	63.7%	71.4%	84.9%	3.25	4.17%
○ Percent of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	36	36.1%	20.3%	36.6%	47.8%	58.3%	77.2%	1.97	4.17%
Regents Performance									
Average Completion Rate for Remaining Regents	303	37.7%	17.7%	32.1%	41.6%	50.5%	68.5%	2.59	4.17%
● Weighted Regents Pass Rate - ELA	110	1.22	0.44	0.66	0.82	0.96	1.21	4.99	4.17%
● Weighted Regents Pass Rate - Math	200	2.35	0.26	0.64	0.91	1.16	1.55	4.99	4.17%
● Weighted Regents Pass Rate - Science	150	1.93	0.33	0.73	1.00	1.25	1.68	4.99	4.17%
● Weighted Regents Pass Rate - Global History	87	1.36	0.27	0.56	0.76	0.95	1.24	4.99	4.17%
● Weighted Regents Pass Rate - U.S. History	98	1.32	0.36	0.64	0.83	1.02	1.31	4.99	4.17%
Graduation / Diploma									
4-Year Graduation Rate	148	59.5%	37.9%	50.7%	64.6%	74.4%	87.2%	2.63	6.25%
6-Year Graduation Rate	138	65.2%	50.2%	61.1%	73.0%	81.4%	91.9%	2.34	6.25%
4-Year Weighted Diploma Rate	148	191.2%	83.2%	125.0%	170.5%	202.7%	243.9%	3.64	6.25%
● 6-Year Weighted Diploma Rate	138	226.8%	92.5%	131.5%	174.1%	204.3%	242.5%	4.59	6.25%
College and Career Readiness									
● College and Career Preparatory Course Index	148	33.8%	0.0%	9.8%	22.6%	33.1%	49.0%	4.04	5.00%
● 4-Year College Readiness Index	148	26.4%	0.0%	4.4%	10.3%	15.0%	25.0%	4.99	5.00%
6-Year College Readiness Index with Persistence	138	33.3%	9.2%	20.1%	33.9%	45.1%	62.4%	2.96	5.00%
Postsecondary Enrollment Rate - 6 Months	131	38.9%	12.6%	24.2%	39.4%	51.8%	69.1%	2.97	5.00%
Postsecondary Enrollment Rate - 18 Months	138	45.7%	23.8%	34.8%	49.5%	61.5%	77.4%	2.74	5.00%
								Weighted Average Score	3.62

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	41	27.7%	49.7%	197.6%	25.9%	103.0%	163.9%	225.7%	320.1%	3.55	0.036	0.023
Self-Contained / ICT / SETSS	35	23.6%	59.9%	217.1%	0.0%	110.0%	197.0%	285.2%	420.0%	3.23	0.036	0.020
Lowest Third Citywide	77	52.0%	78.1%	166.9%	0.0%	71.2%	127.5%	184.6%	271.8%	3.69	0.036	0.024
Black / Hispanic Males in Lowest Third Citywide	48	32.4%	83.1%	163.5%	0.0%	65.3%	116.9%	169.2%	249.2%	3.89	0.036	0.026
College and Career Readiness												
Students in Lowest Third Citywide, College and Career Preparatory Course Index	77	52.0%	78.1%	13.0%	0.0%	7.3%	13.0%	18.9%	27.8%	3.00	0.036	0.018
● Students in Lowest Third Citywide, 4-Year College Readiness Index	77	52.0%	78.1%	9.1%	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	69	52.7%	86.7%	24.6%	0.0%	11.4%	20.4%	29.5%	43.4%	3.46	0.036	0.022
											CtAG Additional Points	0.17
											Overall Student Achievement Score	3.79

- 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	Proficient	3.40	22%
Quality Review 1.2	Proficient	3.40	22%
Quality Review 2.2	Proficient	3.40	22%
NYC School Survey - Rigorous Instruction	91%	3.84	34%
Section Rating: Meeting Target	Section Score:	3.56	

Collaborative Teachers			
Quality Review 4.2	Proficient	3.40	50%
NYC School Survey - Collaborative Teachers	96%	4.56	50%
Section Rating: Exceeding Target	Section Score:	4.00	

Supportive Environment			
Quality Review 3.4	Proficient	3.40	35%
NYC School Survey - Supportive Environment	84%	3.44	25%
Percentage of students with 90%+ attendance			
EMS			
HS	63.8%	4.00	
Overall	63.8%	4.00	35%
Movement of students with disabilities to less restrictive environments			
EMS			
HS	0.57	3.46	
Overall	0.57	3.46	5%
Section Rating: Meeting Target	Section Score:	3.64	

Effective School Leadership			
NYC School Survey - Effective School Leadership	94%	4.48	100%
Section Rating: Exceeding Target	Section Score:	4.48	

Strong Family-Community Ties			
NYC School Survey - Strong Family-Community Ties	83%	4.24	100%
Section Rating: Exceeding Target	Section Score:	4.24	

Trust			
NYC School Survey - Trust	96%	4.52	100%
Section Rating: Exceeding Target	Section Score:	4.52	

		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	76.8	89.4	100.0	0.82	4.28
Common Core shifts in math	Teachers	90	69.2	85.8	100.0	0.67	3.68
Course clarity	Students	89	77.5	86.9	96.3	0.62	3.48
Quality of student discussion	Teachers	88	55.8	77.8	99.8	0.72	3.88
Section Results:		91%					3.84
Collaborative Teachers							
Cultural awareness:							
Cultural awareness	Teachers	99	85.4	94.4	100.0	0.93	
Cultural awareness	Parents	99	82.3	91.9	100.0	0.96	
Cultural awareness	Students	73	66.6	80.6	94.6	0.22	
Cultural awareness	Combined	90				0.70	3.80
• Inclusive classroom instruction	Teachers	98	82.7	93.1	100.0	0.87	4.48
• Quality of professional development	Teachers	96	50.4	75.6	100.0	0.91	4.64
• School commitment	Teachers	95	53.7	82.3	100.0	0.89	4.56
• Innovation	Teachers	95	65.9	84.5	100.0	0.85	4.40
• Reflective dialogue	Teachers	100	85.1	95.3	100.0	1.00	4.99
• Peer collaboration	Teachers	100	75.2	90.6	100.0	1.00	4.99
• Focus on student learning	Teachers	96	60.0	85.2	100.0	0.90	4.60
• Collective responsibility	Teachers	95	58.1	80.7	100.0	0.88	4.52
Section Results:		96%					4.56
Supportive Environment							
Safety:							
Safety	Teachers						
Safety	Students	85	67.5	82.9	98.3	0.57	
Safety	Combined	85				0.57	3.28
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	99	86.6	95.2	100.0	0.94	4.76
Peer interactions	Students	76	58.2	74.4	90.6	0.56	3.24
Next-level guidance	Students	79	71.4	83.6	95.8	0.31	2.24
Press toward academic achievement:							
Press toward academic achievement	Teachers						
Press toward academic achievement	Students	91	76.3	86.1	95.9	0.76	
• Press toward academic achievement	Combined	91				0.76	4.04
Personal attention and support	Students	82	69.0	81.8	94.6	0.51	3.04
Peer support for academic work:							
Peer support for academic work	Teachers						
Peer support for academic work	Parents	96	68.1	85.5	100.0	0.88	
Peer support for academic work	Students	57	41.0	61.6	82.2	0.38	
Peer support for academic work	Combined	76				0.63	3.52
Section Results:		84%					3.44

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Effective School Leadership							
• Inclusive principal leadership	Parents	97	76.5	88.9	100.0	0.86	4.44
Teacher influence	Teachers	79	40.6	71.4	100.0	0.64	3.56
• Program coherence	Teachers	99	57.0	82.6	100.0	0.97	4.88
• Principal instructional leadership	Teachers	100	58.2	84.6	100.0	0.99	4.96
Section Results:		94%					4.48
Strong Family Community Ties							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	96	75.2	89.0	100.0	0.85	
Teacher outreach to parents	Parents	100	76.7	88.1	99.5	1.00	
• Teacher outreach to parents	Combined	98				0.93	4.72
Parent involvement in the schools	Parents	68	41.2	61.0	80.8	0.68	3.72
Section Results:		83%					4.24
Trust							
• Parent-teacher trust	Parents	100	84.9	93.1	100.0	0.97	4.88
• Parent-principal trust	Parents	99	84.5	93.7	100.0	0.94	4.76
Student-teacher trust	Students	83	68.5	81.1	93.7	0.56	3.24
• Teacher-principal trust	Teachers	99	55.0	84.0	100.0	0.98	4.92
• Teacher-teacher trust	Teachers	99	75.7	90.9	100.0	0.97	4.88
Section Results:		96%					4.52

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

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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	78.5%	65.7% or lower	65.8% to 73.6%	73.7% to 79.2%	79.3% or higher
10+ Credits in 1st Year - School's Lowest Third	59.0%	53.2% or lower	53.3% to 64.3%	64.4% to 72.1%	72.2% or higher
10+ Credits in 2nd Year - All Students	67.5%	63.0% or lower	63.1% to 70.6%	70.7% to 75.9%	76.0% or higher
10+ Credits in 2nd Year - School's Lowest Third	51.3%	48.4% or lower	48.5% to 59.0%	59.1% to 66.5%	66.6% or higher
10+ Credits in 3rd Year - All Students	65.6%	59.4% or lower	59.5% to 67.1%	67.2% to 72.4%	72.5% or higher
10+ Credits in 3rd Year - School's Lowest Third	36.1%	42.0% or lower	42.1% to 52.5%	52.6% to 59.9%	60.0% or higher
Regents Performance					
Average Completion Rate for Remaining Regents	37.7%	32.5% or lower	32.6% to 39.4%	39.5% to 44.2%	44.3% or higher
Average Regents Score - English (non-Common Core)*	76.0	64.7 or lower	64.8 to 68.0	68.1 to 70.4	70.5 or higher
Average Regents Score - English (Common Core)*	84.0	67.7 or lower	67.8 to 71.5	71.6 to 74.1	74.2 or higher
Average Regents Score - Living Environment*	77.0	59.9 or lower	60.0 to 64.9	65.0 to 66.9	67.0 or higher
Average Regents Score - Global History*	78.0	55.7 or lower	55.8 to 59.9	60.0 to 64.9	65.0 or higher
Average Regents Score - US History*	87.0	64.5 or lower	64.6 to 68.5	68.6 to 71.3	71.4 or higher
Average Regents Score - Algebra I (Common Core)*	73.0	56.0 or lower	56.1 to 59.9	60.0 to 64.9	65.0 or higher
Graduation / Non-Dropout					
4-Year Graduation Rate	59.5%	58.0% or lower	58.1% to 65.2%	65.3% to 70.2%	70.3% or higher
6-Year Graduation Rate	65.2%	63.4% or lower	63.5% to 69.0%	69.1% to 72.9%	73.0% or higher
4-Year Non-Dropout Rate	78.4%	75.1% or lower	75.2% to 79.4%	79.5% to 82.4%	82.5% or higher
6-Year Non-Dropout Rate	70.3%	67.6% or lower	67.7% to 72.5%	72.6% to 76.0%	76.1% or higher
College and Career Readiness					
College and Career Preparatory Course Index	33.8%	15.2% or lower	15.3% to 22.9%	23.0% to 28.4%	28.5% or higher
4-Year College Readiness Index	26.4%	9.6% or lower	9.7% to 14.4%	14.5% to 17.9%	18.0% or higher
6-Year College Readiness Index with Persistence	33.3%	29.2% or lower	29.3% to 36.1%	36.2% to 41.0%	41.1% or higher
Postsecondary Enrollment Rate - 6 Months	38.9%	40.8% or lower	40.9% to 49.2%	49.3% to 55.1%	55.2% or higher
Postsecondary Enrollment Rate - 18 Months	45.7%	45.8% or lower	45.9% to 51.9%	52.0% to 56.2%	56.3% 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	48.8%	45.6% or lower	45.7% to 56.4%	56.5% to 63.9%	64.0% or higher
Self-Contained / ICT / SETSS	34.3%	35.5% or lower	35.6% to 47.0%	47.1% to 55.1%	55.2% or higher
Lowest Third Citywide					
Lowest Third Citywide	42.9%	38.9% or lower	39.0% to 49.9%	50.0% to 57.7%	57.8% or higher
Black / Hispanic Males in Lowest Third Citywide	41.7%	34.0% or lower	34.1% to 45.8%	45.9% to 54.1%	54.2% or higher
College and Career Readiness of Students in Lowest Third Citywide					
College and Career Preparatory Course Index	13.0%	8.2% or lower	8.3% to 12.4%	12.5% to 15.3%	15.4% or higher
4-Year College Readiness Index	9.1%	3.2% or lower	3.3% to 4.9%	5.0% to 6.1%	6.2% or higher
Postsecondary Enrollment Rate - 6 Months	24.6%	17.8% or lower	17.9% to 26.5%	26.6% to 32.7%	32.8% 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	63.8%	49.9% or lower	50.0% to 59.9%	60.0% to 69.9%	70.0% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.57	0.61 or lower	0.62 to 0.72	0.73 to 0.79	0.80 or higher