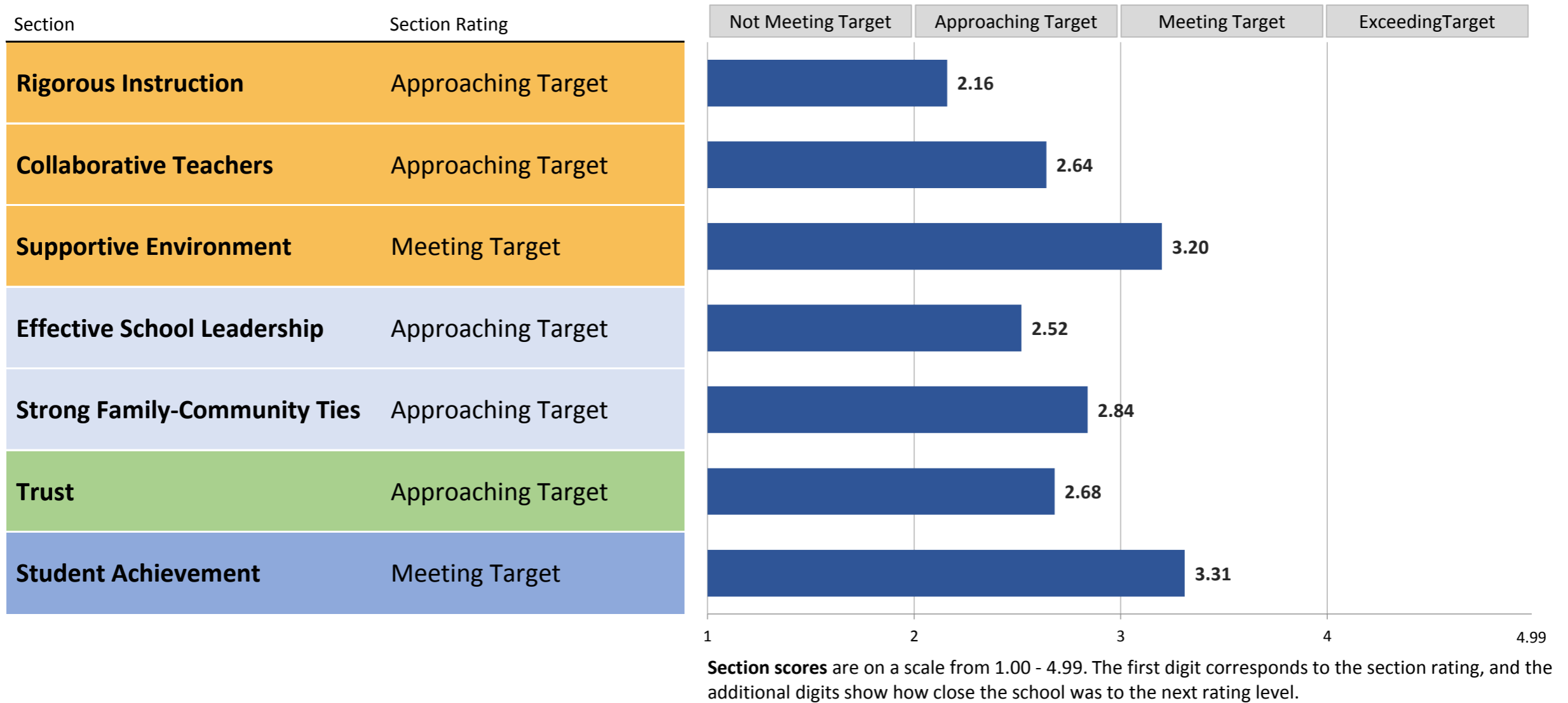


Framework for Great Schools

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	148	135	172
Grade 10	67	99	88
Grade 11	28	35	32
Grade 12	62	40	61
All students	305	309	353

Student Demographics

	2012 - 2013	2013 - 2014	2014 - 2015
% English Language Learners	5%	7%	6%
% Free Lunch Eligible	76%	76%	72%
% Student with IEPs	24%	27%	23%
% Student with IEPs (less than 20% time)	14%	15%	13%
% Overage Under-credited	13%	14%	15%
% HRA Eligible	-	-	42%
% Temporary Housing	-	-	9%
% Asian	1%	1%	1%
% Black	87%	91%	90%
% Hispanic	12%	8%	8%
% White	0%	0%	1%
% Other	0%	0%	0%
Average Incoming ELA Proficiency	2.49	2.20	2.20
Average Incoming Math Proficiency	2.56	2.07	2.10

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

18K629
Cultural Academy for the Arts and Sciences

Student Achievement Rating Meeting Target	Student Achievement Score 3.31
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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	95	85.3%	52.7%	64.9%	73.5%	81.5%	94.3%	4.30	4.17%
○ Percent of Students in School's Lowest Third Earning 10+ Credits in 1st Year	22	68.2%	29.1%	46.7%	58.9%	70.4%	89.1%	3.81	4.17%
Percent of Students Earning 10+ Credits in 2nd Year	93	59.1%	42.6%	56.4%	66.1%	75.3%	90.0%	2.28	4.17%
○ Percent of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	20	40.0%	17.6%	36.7%	50.2%	63.0%	83.8%	2.24	4.17%
Percent of Students Earning 10+ Credits in 3rd Year	70	60.0%	42.0%	54.5%	63.3%	71.6%	85.7%	2.63	4.17%
○ Percent of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	15	33.3%	19.7%	36.3%	47.8%	58.7%	77.8%	1.82	4.17%
Regents Performance									
Average Completion Rate for Remaining Regents	203	39.4%	16.7%	31.1%	40.7%	49.8%	68.0%	2.86	4.17%
Weighted Regents Pass Rate - ELA	78	0.91	0.43	0.66	0.82	0.97	1.21	3.60	4.17%
Weighted Regents Pass Rate - Math	138	0.93	0.26	0.64	0.91	1.16	1.55	3.08	4.17%
Weighted Regents Pass Rate - Science	146	0.87	0.30	0.71	0.99	1.25	1.70	2.57	4.17%
Weighted Regents Pass Rate - Global History	93	0.66	0.28	0.56	0.76	0.94	1.23	2.50	4.17%
Weighted Regents Pass Rate - U.S. History	171	0.71	0.37	0.64	0.84	1.02	1.32	2.35	4.17%
Graduation / Diploma									
4-Year Graduation Rate	75	61.3%	36.1%	49.2%	63.6%	73.8%	86.9%	2.84	6.25%
6-Year Graduation Rate	67	76.1%	49.5%	59.8%	71.2%	79.3%	89.6%	3.60	6.25%
4-Year Weighted Diploma Rate	75	162.7%	80.0%	121.3%	166.6%	198.6%	239.9%	2.91	6.25%
6-Year Weighted Diploma Rate	67	194.8%	90.4%	127.8%	168.7%	197.8%	235.3%	3.90	6.25%
College and Career Readiness									
● College and Career Preparatory Course Index	75	45.3%	0.0%	9.3%	21.5%	31.4%	47.2%	4.88	5.00%
4-Year College Readiness Index	75	13.3%	0.0%	4.1%	9.5%	14.0%	24.0%	3.84	5.00%
6-Year College Readiness Index with Persistence	67	37.3%	8.8%	19.4%	32.7%	43.5%	60.8%	3.43	5.00%
Postsecondary Enrollment Rate - 6 Months	76	43.4%	11.8%	23.2%	38.2%	50.4%	67.7%	3.43	5.00%
Postsecondary Enrollment Rate - 18 Months	67	46.3%	23.2%	33.9%	48.2%	59.9%	75.7%	2.87	5.00%
Weighted Average Score								3.17	

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	2	2.7%	4.8%		25.9%	103.0%	163.9%	225.7%	320.1%		0.036	0.000
Self-Contained / ICT / SETSS	15	20.0%	50.8%	193.3%	0.0%	110.0%	197.0%	285.2%	420.0%	2.96	0.036	0.018
Lowest Third Citywide	34	45.3%	68.0%	150.0%	0.0%	71.2%	127.5%	184.6%	271.8%	3.39	0.036	0.022
Black / Hispanic Males in Lowest Third Citywide	20	26.7%	68.5%	130.0%	0.0%	65.3%	116.9%	169.2%	249.2%	3.25	0.036	0.020
College and Career Readiness												
● Students in Lowest Third Citywide, College and Career Preparatory Course Index	34	45.3%	68.0%	23.5%	0.0%	7.3%	13.0%	18.9%	27.8%	4.52	0.036	0.032
Students in Lowest Third Citywide, 4-Year College Readiness Index	34	45.3%	68.0%	2.9%	0.0%	1.4%	2.5%	3.7%	5.4%	3.33	0.036	0.021
Students in the Lowest Third Citywide, Postsecondary Enrollment Rate - 6 Months	40	52.6%	86.5%	27.5%	0.0%	11.4%	20.4%	29.5%	43.4%	3.78	0.036	0.025
CtAG Additional Points											0.14	
Overall Student Achievement Score											3.31	

- 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	Developing	2.00	22%
Quality Review 2.2	Developing	2.00	22%
NYC School Survey - Rigorous Instruction	70%	1.52	34%
Section Rating: Approaching Target	Section Score:	2.16	

Collaborative Teachers			
Quality Review 4.2	Proficient	3.40	50%
NYC School Survey - Collaborative Teachers	71%	1.88	50%
Section Rating: Approaching Target	Section Score:	2.64	

Supportive Environment			
Quality Review 3.4	Proficient	3.40	30%
NYC School Survey - Supportive Environment	79%	2.56	35%
Percentage of students with 90%+ attendance			
EMS			
HS	56.5%	3.48	
Overall	56.5%	3.48	30%
Movement of students with disabilities to less restrictive environments			
EMS			
HS	0.91	4.72	
Overall	0.91	4.72	5%
Section Rating: Meeting Target	Section Score:	3.20	

Effective School Leadership			
NYC School Survey - Effective School Leadership	71%	2.52	100%
Section Rating: Approaching Target	Section Score:	2.52	

Strong Family-Community Ties			
NYC School Survey - Strong Family-Community Ties	74%	2.84	100%
Section Rating: Approaching Target	Section Score:	2.84	

Trust			
NYC School Survey - Trust	82%	2.68	100%
Section Rating: Approaching Target	Section Score:	2.68	

		Survey % Positive	City Range			Percent of Range	Score	
			Bottom of Range	City Avg	Top of Range			
Rigorous Instruction								
○	Common Core shifts in literacy	Teachers	75	76.8	89.4	100.0	0.00	1.00
○	Common Core shifts in math	Teachers	58	69.2	85.8	100.0	0.00	1.00
	Course clarity	Students	86	77.5	86.9	96.3	0.46	2.84
○	Quality of student discussion	Teachers	59	55.8	77.8	99.8	0.07	1.28
Section Results:			70%					1.52
Collaborative Teachers								
Cultural awareness:								
	Cultural awareness	Teachers	91	85.4	94.4	100.0	0.50	
	Cultural awareness	Parents	94	82.3	91.9	100.0	0.66	
	Cultural awareness	Students	81	66.6	80.6	94.6	0.52	
	Cultural awareness	Combined	89				0.56	3.24
	Inclusive classroom instruction	Teachers	88	82.7	93.1	100.0	0.30	2.20
○	Quality of professional development	Teachers	51	50.4	75.6	100.0	0.01	1.04
	School commitment	Teachers	66	53.7	82.3	100.0	0.26	2.04
○	Innovation	Teachers	57	65.9	84.5	100.0	0.00	1.00
	Reflective dialogue	Teachers	93	85.1	95.3	100.0	0.50	3.00
○	Peer collaboration	Teachers	81	75.2	90.6	100.0	0.21	1.84
○	Focus on student learning	Teachers	64	60.0	85.2	100.0	0.11	1.44
○	Collective responsibility	Teachers	54	58.1	80.7	100.0	0.00	1.00
Section Results:			71%					1.88
Supportive Environment								
Safety:								
	Safety	Teachers						
	Safety	Students	69	67.5	82.9	98.3	0.05	
○	Safety	Combined	69				0.05	1.20
Classroom behavior:								
	Classroom behavior	Teachers						
	Classroom behavior	Students	81	68.3	82.1	95.9	0.45	
	Classroom behavior	Combined	81				0.45	2.80
	Social-emotional measure	Teachers	87	86.6	95.2	100.0	0.25	2.00
	Peer interactions	Students	75	58.2	74.4	90.6	0.51	3.04
	Next-level guidance	Students	79	71.4	83.6	95.8	0.32	2.28
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	89	68.1	85.5	100.0	0.67	
	Peer support for academic work	Students	63	41.0	61.6	82.2	0.53	
	Peer support for academic work	Combined	76				0.60	3.40
Section Results:			79%					2.56

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Effective School Leadership							
● Inclusive principal leadership	Parents	98	76.5	88.9	100.0	0.92	4.68
○ Teacher influence	Teachers	61	40.6	71.4	100.0	0.34	2.36
○ Program coherence	Teachers	59	57.0	82.6	100.0	0.05	1.20
○ Principal instructional leadership	Teachers	67	58.2	84.6	100.0	0.20	1.80
Section Results:		71%					2.52
Strong Family Community Ties							
Teacher outreach to parents:							
○ Teacher outreach to parents	Teachers	80	75.2	89.0	100.0	0.20	
○ Teacher outreach to parents	Parents	89	76.7	88.1	99.5	0.52	
○ Teacher outreach to parents	Combined	84				0.36	2.44
○ Parent involvement in the schools	Parents	63	41.2	61.0	80.8	0.56	3.24
Section Results:		74%					2.84
Trust							
● Parent-teacher trust	Parents	96	84.9	93.1	100.0	0.75	4.00
● Parent-principal trust	Parents	95	84.5	93.7	100.0	0.75	4.00
○ Student-teacher trust	Students	75	68.5	81.1	93.7	0.26	2.04
○ Teacher-principal trust	Teachers	70	55.0	84.0	100.0	0.34	2.36
○ Teacher-teacher trust	Teachers	72	75.7	90.9	100.0	0.00	1.00
Section Results:		82%					2.68

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

18K629

Cultural Academy for the Arts and Sciences

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	85.3%	67.3% or lower	67.4% to 75.2%	75.3% to 80.8%	80.9% or higher
10+ Credits in 1st Year - School's Lowest Third	68.2%	50.8% or lower	50.9% to 61.9%	62.0% to 69.6%	69.7% or higher
10+ Credits in 2nd Year - All Students	59.1%	66.1% or lower	66.2% to 73.7%	73.8% to 79.0%	79.1% or higher
10+ Credits in 2nd Year - School's Lowest Third	40.0%	48.1% or lower	48.2% to 58.8%	58.9% to 66.2%	66.3% or higher
10+ Credits in 3rd Year - All Students	60.0%	62.1% or lower	62.2% to 69.8%	69.9% to 75.2%	75.3% or higher
10+ Credits in 3rd Year - School's Lowest Third	33.3%	45.1% or lower	45.2% to 55.7%	55.8% to 63.1%	63.2% or higher
Regents Performance					
Average Completion Rate for Remaining Regents	39.4%	37.2% or lower	37.3% to 44.1%	44.2% to 49.0%	49.1% or higher
Average Regents Score - English (non-Common Core)*	72.0	64.1 or lower	64.2 to 67.5	67.6 to 69.8	69.9 or higher
Average Regents Score - English (Common Core)*	72.0	70.0 or lower	70.1 to 73.7	73.8 to 76.4	76.5 or higher
Average Regents Score - Living Environment*	64.0	60.6 or lower	60.7 to 64.9	65.0 to 66.9	67.0 or higher
Average Regents Score - Global History*	61.0	57.0 or lower	57.1 to 60.5	60.6 to 64.9	65.0 or higher
Average Regents Score - US History*	65.0	63.7 or lower	63.8 to 67.6	67.7 to 70.5	70.6 or higher
Average Regents Score - Algebra I (Common Core)*	59.0	55.8 or lower	55.9 to 59.9	60.0 to 64.9	65.0 or higher
Graduation / Non-Dropout					
4-Year Graduation Rate	61.3%	55.8% or lower	55.9% to 62.9%	63.0% to 69.9%	70.0% or higher
6-Year Graduation Rate	76.1%	68.5% or lower	68.6% to 74.1%	74.2% to 78.0%	78.1% or higher
4-Year Non-Dropout Rate	84.0%	79.3% or lower	79.4% to 83.6%	83.7% to 86.6%	86.7% or higher
6-Year Non-Dropout Rate	77.6%	72.4% or lower	72.5% to 77.4%	77.5% to 80.9%	81.0% or higher
College and Career Readiness					
College and Career Preparatory Course Index	45.3%	18.3% or lower	18.4% to 27.6%	27.7% to 34.1%	34.2% or higher
4-Year College Readiness Index	13.3%	9.6% or lower	9.7% to 14.5%	14.6% to 18.0%	18.1% or higher
6-Year College Readiness Index with Persistence	37.3%	35.2% or lower	35.3% to 42.2%	42.3% to 47.0%	47.1% or higher
Postsecondary Enrollment Rate - 6 Months	43.4%	43.7% or lower	43.8% to 52.0%	52.1% to 57.9%	58.0% or higher
Postsecondary Enrollment Rate - 18 Months	46.3%	48.1% or lower	48.2% to 54.2%	54.3% to 58.5%	58.6% 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		35.1% or lower	35.2% to 45.9%	46.0% to 53.4%	53.5% or higher
Self-Contained / ICT / SETSS	33.3%	33.7% or lower	33.8% to 45.1%	45.2% to 53.2%	53.3% or higher
Lowest Third Citywide					
Lowest Third Citywide	50.0%	34.0% or lower	34.1% to 45.0%	45.1% to 52.7%	52.8% or higher
Black / Hispanic Males in Lowest Third Citywide	45.0%	29.9% or lower	30.0% to 41.8%	41.9% to 50.1%	50.2% or higher
College and Career Readiness of Students in Lowest Third Citywide					
College and Career Preparatory Course Index	23.5%	8.9% or lower	9.0% to 13.5%	13.6% to 16.7%	16.8% or higher
4-Year College Readiness Index	2.9%	1.9% or lower	2.0% to 2.9%	3.0% to 4.9%	5.0% or higher
Postsecondary Enrollment Rate - 6 Months	27.5%	21.8% or lower	21.9% to 30.5%	30.6% to 36.7%	36.8% 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	56.5%	53.0% or lower	53.1% to 60.3%	60.4% to 69.9%	70.0% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.91	0.51 or lower	0.52 to 0.64	0.65 to 0.74	0.75 or higher