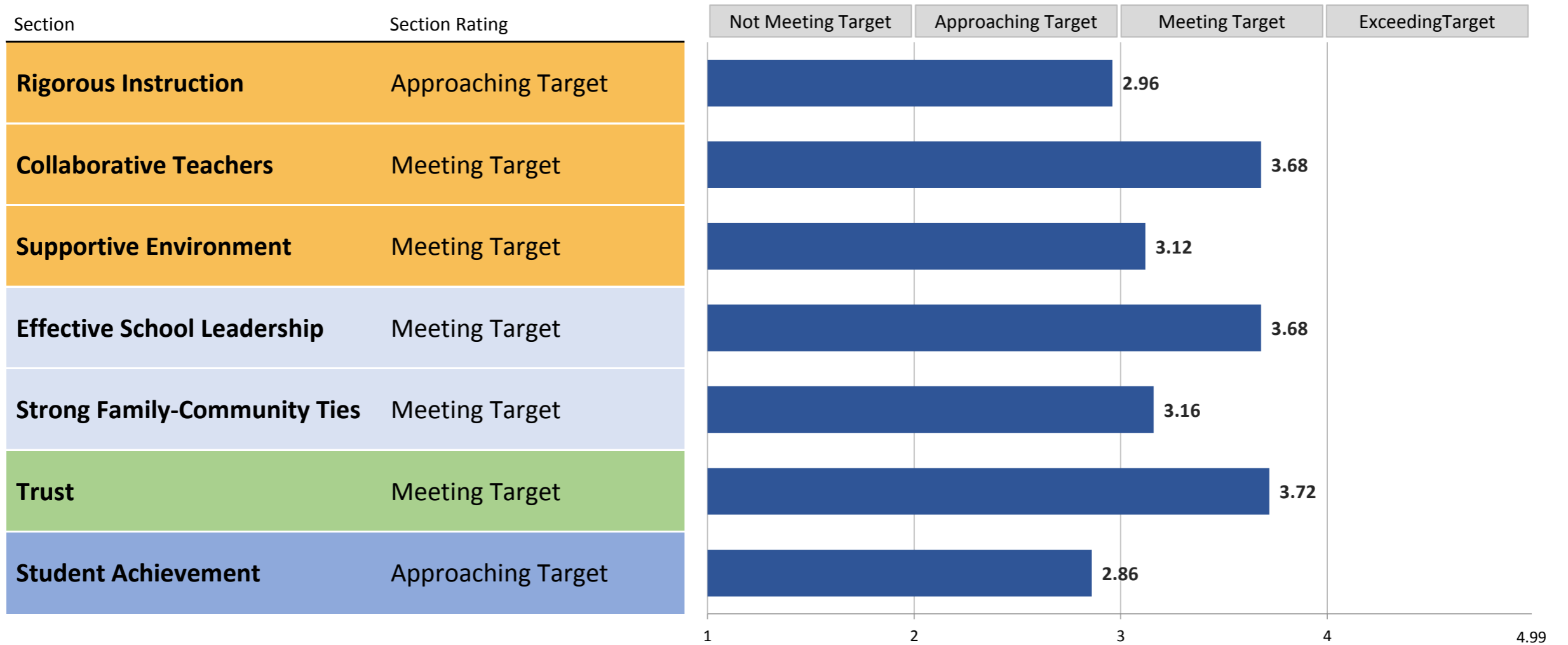


Framework for Great Schools

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	152	124	146
Grade 10	128	142	118
Grade 11	115	123	129
Grade 12	90	109	116
All students	485	498	509

Student Demographics

	2012 - 2013	2013 - 2014	2014 - 2015
% English Language Learners	2%	2%	2%
% Free Lunch Eligible	56%	56%	61%
% Student with IEPs	11%	12%	15%
% Student with IEPs (less than 20% time)	3%	4%	6%
% Overage Under-credited	6%	8%	8%
% HRA Eligible	-	-	36%
% Temporary Housing	-	-	7%
% Asian	9%	10%	9%
% Black	72%	72%	76%
% Hispanic	14%	13%	11%
% White	2%	3%	2%
% Other	0%	3%	2%
Average Incoming ELA Proficiency	2.81	2.58	2.48
Average Incoming Math Proficiency	2.96	2.40	2.30

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

29Q272

George Washington Carver High School for the Sciences

Student Achievement Rating	Student Achievement Score
Approaching Target	2.86

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	117	77.8%	63.4%	74.6%	82.0%	89.0%	100.0%	2.43	4.17%
○ Percent of Students in School's Lowest Third Earning 10+ Credits in 1st Year	34	52.9%	37.1%	55.3%	67.8%	79.5%	98.1%	1.87	4.17%
Percent of Students Earning 10+ Credits in 2nd Year	109	72.5%	58.8%	71.1%	78.9%	86.3%	98.0%	2.18	4.17%
○ Percent of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	31	48.4%	31.9%	51.1%	64.0%	76.1%	95.4%	1.86	4.17%
Percent of Students Earning 10+ Credits in 3rd Year	127	81.1%	56.3%	69.1%	77.2%	84.7%	96.9%	3.52	4.17%
Percent of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	33	63.6%	30.4%	50.1%	63.2%	75.6%	95.3%	3.03	4.17%
Regents Performance									
Average Completion Rate for Remaining Regents	266	60.3%	33.3%	51.3%	62.0%	72.1%	88.8%	2.84	4.17%
Weighted Regents Pass Rate - ELA	147	1.06	0.65	0.85	0.98	1.09	1.29	3.73	4.17%
Weighted Regents Pass Rate - Math	236	0.98	0.66	0.94	1.11	1.27	1.54	2.24	4.17%
○ Weighted Regents Pass Rate - Science	221	0.95	0.60	0.96	1.17	1.37	1.73	1.97	4.17%
Weighted Regents Pass Rate - Global History	188	0.79	0.46	0.71	0.88	1.04	1.29	2.47	4.17%
Weighted Regents Pass Rate - U.S. History	149	0.95	0.53	0.79	0.97	1.13	1.39	2.89	4.17%
Graduation / Diploma									
4-Year Graduation Rate	137	73.7%	53.4%	66.8%	79.8%	89.0%	100.0%	2.53	6.25%
6-Year Graduation Rate	95	90.5%	62.0%	72.6%	83.3%	90.9%	100.0%	3.95	6.25%
4-Year Weighted Diploma Rate	137	187.6%	118.3%	159.6%	201.0%	230.3%	266.7%	2.68	6.25%
6-Year Weighted Diploma Rate	95	204.2%	118.1%	158.9%	201.8%	232.3%	269.0%	3.08	6.25%
College and Career Readiness									
College and Career Preparatory Course Index	137	25.5%	8.6%	23.8%	43.5%	59.6%	78.7%	2.09	5.00%
4-Year College Readiness Index	137	27.7%	4.1%	14.3%	27.7%	38.6%	51.5%	3.00	5.00%
6-Year College Readiness Index with Persistence	95	52.6%	24.9%	39.0%	54.6%	67.3%	83.3%	2.87	5.00%
Postsecondary Enrollment Rate - 6 Months	112	60.7%	30.6%	44.0%	58.8%	70.9%	86.0%	3.16	5.00%
Postsecondary Enrollment Rate - 18 Months	95	66.3%	39.8%	52.1%	66.4%	78.1%	92.4%	2.99	5.00%
								Weighted Average Score	2.76

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	6	4.4%	7.9%	100.0%	25.9%	103.0%	163.9%	225.7%	320.1%		0.036	0.000
Self-Contained / ICT / SETSS	12	8.8%	22.3%	308.3%	0.0%	110.0%	197.0%	285.2%	420.0%		0.036	0.000
Lowest Third Citywide	42	30.7%	46.1%	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	25	18.2%	46.7%	132.0%	0.0%	65.3%	116.9%	169.2%	249.2%	3.29	0.036	0.021
College and Career Readiness												
○ Students in Lowest Third Citywide, College and Career Preparatory Course Index	42	30.7%	46.1%	2.4%	0.0%	7.3%	13.0%	18.9%	27.8%	1.33	0.036	0.003
Students in Lowest Third Citywide, 4-Year College Readiness Index	42	30.7%	46.1%	2.4%	0.0%	1.4%	2.5%	3.7%	5.4%	2.91	0.036	0.017
● Students in the Lowest Third Citywide, Postsecondary Enrollment Rate - 6 Months	32	28.6%	47.0%	37.5%	0.0%	11.4%	20.4%	29.5%	43.4%	4.58	0.036	0.032
											CtAG Additional Points	0.10
											Overall Student Achievement Score	2.86

- 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	Proficient	3.40	22%
NYC School Survey - Rigorous Instruction	84%	3.04	34%
Section Rating: Approaching Target	Section Score:	2.96	

Collaborative Teachers			
Quality Review 4.2	Proficient	3.40	50%
NYC School Survey - Collaborative Teachers	91%	3.96	50%
Section Rating: Meeting Target	Section Score:	3.68	

Supportive Environment			
Quality Review 3.4	Proficient	3.40	30%
NYC School Survey - Supportive Environment	79%	2.64	35%
Percentage of students with 90%+ attendance			
EMS			
HS	71.1%	3.24	
Overall	71.1%	3.24	30%
Movement of students with disabilities to less restrictive environments			
EMS			
HS	0.65	3.84	
Overall	0.65	3.84	5%
Section Rating: Meeting Target	Section Score:	3.12	

Effective School Leadership			
NYC School Survey - Effective School Leadership	85%	3.68	100%
Section Rating: Meeting Target	Section Score:	3.68	

Strong Family-Community Ties			
NYC School Survey - Strong Family-Community Ties	76%	3.16	100%
Section Rating: Meeting Target	Section Score:	3.16	

Trust			
NYC School Survey - Trust	92%	3.72	100%
Section Rating: Meeting Target	Section Score:	3.72	

		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	0.81	4.24
	Common Core shifts in math	Teachers	86	69.2	85.8	100.0	0.53	3.12
	Course clarity	Students	85	77.5	86.9	96.3	0.39	2.56
	Quality of student discussion	Teachers	70	55.8	77.8	99.8	0.32	2.28
Section Results:			84%					3.04
Collaborative Teachers								
Cultural awareness:								
	Cultural awareness	Teachers	99	85.4	94.4	100.0	0.92	
	Cultural awareness	Parents	90	82.3	91.9	100.0	0.50	
	Cultural awareness	Students	75	66.6	80.6	94.6	0.30	
	Cultural awareness	Combined	88				0.57	3.28
	Inclusive classroom instruction	Teachers	93	82.7	93.1	100.0	0.58	3.32
	Quality of professional development	Teachers	87	50.4	75.6	100.0	0.74	3.96
	School commitment	Teachers	88	53.7	82.3	100.0	0.74	3.96
	Innovation	Teachers	91	65.9	84.5	100.0	0.72	3.88
•	Reflective dialogue	Teachers	100	85.1	95.3	100.0	1.00	4.99
•	Peer collaboration	Teachers	99	75.2	90.6	100.0	0.96	4.84
•	Focus on student learning	Teachers	91	60.0	85.2	100.0	0.78	4.12
	Collective responsibility	Teachers	83	58.1	80.7	100.0	0.58	3.32
Section Results:			91%					3.96
Supportive Environment								
Safety:								
	Safety	Teachers						
	Safety	Students	75	67.5	82.9	98.3	0.24	
○	Safety	Combined	75				0.24	1.96
Classroom behavior:								
	Classroom behavior	Teachers						
	Classroom behavior	Students	82	68.3	82.1	95.9	0.50	
	Classroom behavior	Combined	82				0.50	3.00
•	Social-emotional measure	Teachers	100	86.6	95.2	100.0	1.00	4.99
	Peer interactions	Students	68	58.2	74.4	90.6	0.31	2.24
○	Next-level guidance	Students	76	71.4	83.6	95.8	0.20	1.80
Press toward academic achievement:								
	Press toward academic achievement	Teachers						
	Press toward academic achievement	Students	84	76.3	86.1	95.9	0.37	
	Press toward academic achievement	Combined	84				0.37	2.48
	Personal attention and support	Students	77	69.0	81.8	94.6	0.30	2.20
Peer support for academic work:								
	Peer support for academic work	Teachers						
	Peer support for academic work	Parents	80	68.1	85.5	100.0	0.36	
	Peer support for academic work	Students	57	41.0	61.6	82.2	0.38	
	Peer support for academic work	Combined	68				0.37	2.48
Section Results:			79%					2.64

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Effective School Leadership							
Inclusive principal leadership	Parents	91	76.5	88.9	100.0	0.63	3.52
Teacher influence	Teachers	63	40.6	71.4	100.0	0.37	2.48
Program coherence	Teachers	87	57.0	82.6	100.0	0.70	3.80
● Principal instructional leadership	Teachers	98	58.2	84.6	100.0	0.96	4.84
Section Results:		85%					3.68
Strong Family Community Ties							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	95	75.2	89.0	100.0	0.78	
Teacher outreach to parents	Parents	85	76.7	88.1	99.5	0.35	
Teacher outreach to parents	Combined	90				0.56	3.24
Parent involvement in the schools	Parents	61	41.2	61.0	80.8	0.51	3.04
Section Results:		76%					3.16
Trust							
Parent-teacher trust	Parents	90	84.9	93.1	100.0	0.50	3.00
● Parent-principal trust	Parents	97	84.5	93.7	100.0	0.77	4.08
○ Student-teacher trust	Students	75	68.5	81.1	93.7	0.24	1.96
● Teacher-principal trust	Teachers	99	55.0	84.0	100.0	0.97	4.88
● Teacher-teacher trust	Teachers	98	75.7	90.9	100.0	0.93	4.72
Section Results:		92%					3.72

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

29Q272

George Washington Carver High School for the Scien

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	77.8%	72.2% or lower	72.3% to 79.9%	80.0% to 85.3%	85.4% or higher
10+ Credits in 1st Year - School's Lowest Third	52.9%	57.5% or lower	57.6% to 68.6%	68.7% to 76.4%	76.5% or higher
10+ Credits in 2nd Year - All Students	72.5%	70.6% or lower	70.7% to 78.1%	78.2% to 83.5%	83.6% or higher
10+ Credits in 2nd Year - School's Lowest Third	48.4%	58.7% or lower	58.8% to 69.4%	69.5% to 76.8%	76.9% or higher
10+ Credits in 3rd Year - All Students	81.1%	70.1% or lower	70.2% to 77.7%	77.8% to 83.1%	83.2% or higher
10+ Credits in 3rd Year - School's Lowest Third	63.6%	58.2% or lower	58.3% to 68.7%	68.8% to 76.1%	76.2% or higher
Regents Performance					
Average Completion Rate for Remaining Regents	60.3%	49.2% or lower	49.3% to 56.1%	56.2% to 60.9%	61.0% or higher
Average Regents Score - English (non-Common Core)*	72.0	68.0 or lower	68.1 to 71.3	71.4 to 73.6	73.7 or higher
Average Regents Score - English (Common Core)*	79.0	74.2 or lower	74.3 to 78.0	78.1 to 80.7	80.8 or higher
Average Regents Score - Living Environment*	62.0	63.8 or lower	63.9 to 67.1	67.2 to 69.4	69.5 or higher
Average Regents Score - Global History*	65.0	62.2 or lower	62.3 to 65.8	65.9 to 68.3	68.4 or higher
Average Regents Score - US History*	73.0	69.9 or lower	70.0 to 73.9	74.0 to 76.7	76.8 or higher
Average Regents Score - Algebra I (Common Core)*	58.0	59.2 or lower	59.3 to 62.0	62.1 to 64.9	65.0 or higher
Graduation / Non-Dropout					
4-Year Graduation Rate	73.7%	71.0% or lower	71.1% to 78.1%	78.2% to 83.2%	83.3% or higher
6-Year Graduation Rate	90.5%	79.3% or lower	79.4% to 84.9%	85.0% to 88.8%	88.9% or higher
4-Year Non-Dropout Rate	88.3%	85.4% or lower	85.5% to 89.4%	89.5% to 92.3%	92.4% or higher
6-Year Non-Dropout Rate	94.7%	81.8% or lower	81.9% to 86.8%	86.9% to 90.2%	90.3% or higher
College and Career Readiness					
College and Career Preparatory Course Index	25.5%	38.5% or lower	38.6% to 51.4%	51.5% to 60.5%	60.6% or higher
4-Year College Readiness Index	27.7%	30.2% or lower	30.3% to 38.4%	38.5% to 44.2%	44.3% or higher
6-Year College Readiness Index with Persistence	52.6%	56.2% or lower	56.3% to 63.1%	63.2% to 68.0%	68.1% or higher
Postsecondary Enrollment Rate - 6 Months	60.7%	59.9% or lower	60.0% to 68.3%	68.4% to 74.2%	74.3% or higher
Postsecondary Enrollment Rate - 18 Months	66.3%	65.4% or lower	65.5% to 71.6%	71.7% to 75.9%	76.0% 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	33.3%	48.2% or lower	48.3% to 58.9%	59.0% to 66.5%	66.6% or higher
Self-Contained / ICT / SETSS	50.0%	45.7% or lower	45.8% to 57.2%	57.3% to 65.2%	65.3% or higher
Lowest Third Citywide					
Lowest Third Citywide	40.5%	44.8% or lower	44.9% to 55.8%	55.9% to 63.5%	63.6% or higher
Black / Hispanic Males in Lowest Third Citywide	36.0%	36.8% or lower	36.9% to 48.6%	48.7% to 56.9%	57.0% or higher
College and Career Readiness of Students in Lowest Third Citywide					
College and Career Preparatory Course Index	2.4%	16.0% or lower	16.1% to 24.1%	24.2% to 29.8%	29.9% or higher
4-Year College Readiness Index	2.4%	4.4% or lower	4.5% to 6.7%	6.8% to 8.3%	8.4% or higher
Postsecondary Enrollment Rate - 6 Months	37.5%	27.4% or lower	27.5% to 36.2%	36.3% to 42.3%	42.4% 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	71.1%	61.6% or lower	61.7% to 68.9%	69.0% to 74.0%	74.1% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.65	0.38 or lower	0.39 to 0.55	0.56 to 0.67	0.68 or higher