

2014-15 School Quality Guide / HS

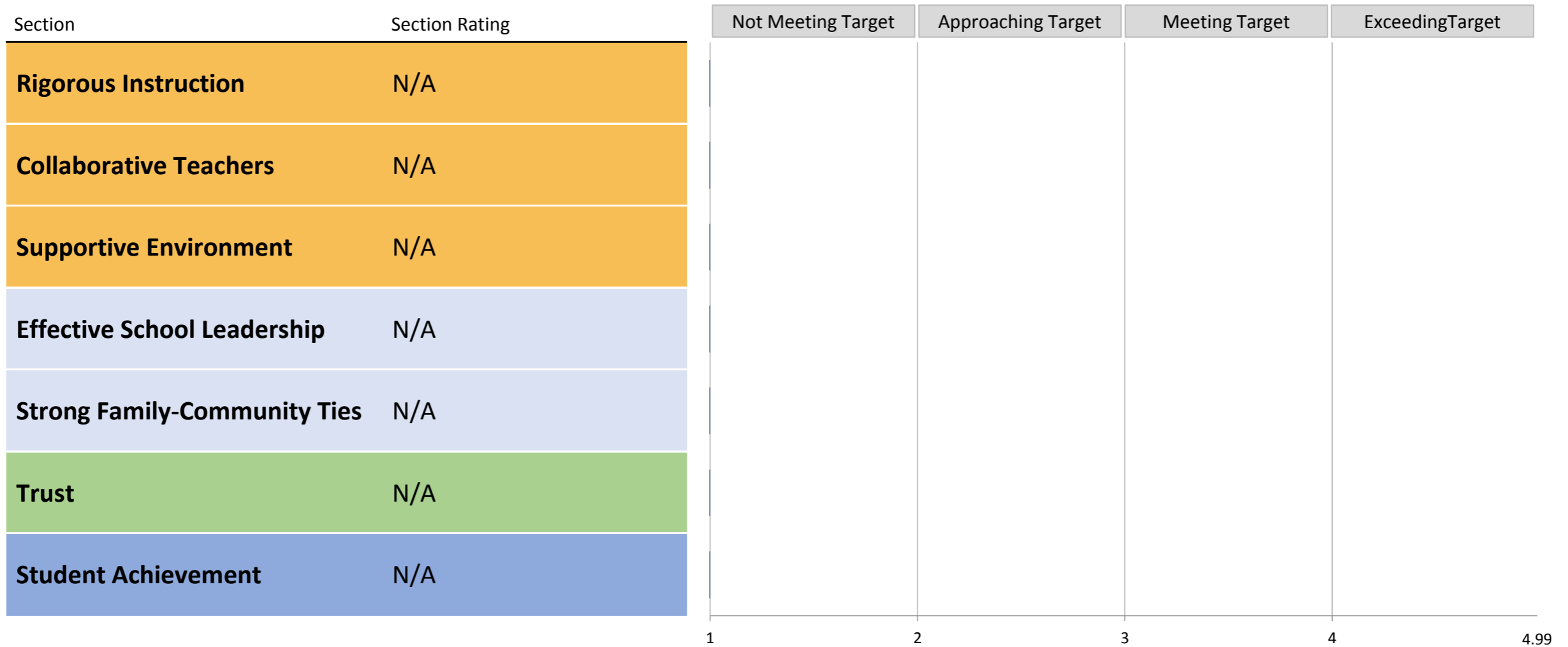
Summary of Section Ratings

08X295

Gateway School for Environmental Research and Technology

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: N/A

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	59	17	3
Grade 10	105	41	6
Grade 11	59	37	10
Grade 12	101	72	51
All students	324	167	70

Student Demographics

	2012 - 2013	2013 - 2014	2014 - 2015
% English Language Learners	13%	13%	17%
% Free Lunch Eligible	75%	75%	54%
% Student with IEPs	28%	34%	40%
% Student with IEPs (less than 20% time)	15%	19%	23%
% Overage Under-credited	16%	12%	11%
% HRA Eligible	-	-	54%
% Temporary Housing	-	-	9%
% Asian	6%	6%	1%
% Black	33%	31%	31%
% Hispanic	60%	60%	64%
% White	1%	3%	3%
% Other	0%	0%	0%
Average Incoming ELA Proficiency	2.43	2.12	2.11
Average Incoming Math Proficiency	2.46	1.98	1.97

Student Achievement Rating Student Achievement Score

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			48.1%	61.6%	71.0%	79.8%	93.6%		0.00%
Percent of Students in School's Lowest Third Earning 10+ Credits in 1st Year			24.3%	42.7%	55.7%	67.9%	87.4%		0.00%
Percent of Students Earning 10+ Credits in 2nd Year			42.1%	54.6%	63.5%	71.8%	85.8%		0.00%
Percent of Students in School's Lowest Third Earning 10+ Credits in 2nd Year			17.1%	35.3%	48.2%	60.3%	80.7%		0.00%
Percent of Students Earning 10+ Credits in 3rd Year			40.8%	52.4%	60.7%	68.5%	82.4%		0.00%
Percent of Students in School's Lowest Third Earning 10+ Credits in 3rd Year			17.3%	33.9%	45.6%	56.5%	76.0%		0.00%
Regents Performance									
○ Average Completion Rate for Remaining Regents	42	20.8%	13.2%	27.0%	36.5%	45.4%	64.2%	1.55	5.88%
● Weighted Regents Pass Rate - ELA	22	0.99	0.38	0.62	0.79	0.94	1.20	4.19	5.88%
○ Weighted Regents Pass Rate - Math	11		0.14	0.56	0.85	1.12	1.54		0.00%
○ Weighted Regents Pass Rate - Science	16	0.36	0.24	0.63	0.90	1.15	1.60	1.31	5.88%
○ Weighted Regents Pass Rate - Global History	18	0.56	0.19	0.48	0.69	0.88	1.19	2.38	5.88%
○ Weighted Regents Pass Rate - U.S. History	27	0.85	0.31	0.58	0.78	0.96	1.26	3.39	5.88%
Graduation / Diploma									
○ 4-Year Graduation Rate	52	36.5%	31.8%	45.0%	59.7%	70.2%	83.7%	1.36	8.82%
○ 6-Year Graduation Rate	119	49.6%	47.7%	57.9%	69.3%	77.4%	87.8%	1.19	8.82%
○ 4-Year Weighted Diploma Rate	52	106.7%	65.5%	110.7%	160.8%	196.3%	240.4%	1.91	8.82%
○ 6-Year Weighted Diploma Rate	119	118.9%	81.3%	122.3%	167.6%	199.7%	239.7%	1.92	8.82%
College and Career Readiness									
○ College and Career Preparatory Course Index	52	3.8%	0.0%	9.6%	22.2%	32.5%	48.4%	1.40	7.06%
○ 4-Year College Readiness Index	52	1.9%	0.0%	3.5%	8.1%	11.9%	22.0%	1.54	7.06%
○ 6-Year College Readiness Index with Persistence	119	22.7%	9.4%	18.7%	30.2%	39.6%	56.7%	2.35	7.06%
○ Postsecondary Enrollment Rate - 6 Months	101	31.7%	11.1%	21.5%	35.3%	46.6%	63.7%	2.74	7.06%
○ Postsecondary Enrollment Rate - 18 Months	120	30.0%	22.9%	32.6%	45.7%	56.4%	71.9%	1.73	7.06%

Weighted Average Score

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	11.5%	20.6%	100.0%	25.9%	103.0%	163.9%	225.7%	320.1%		0.036	0.000
Self-Contained / ICT / SETSS	17	32.7%	83.0%	135.3%	0.0%	110.0%	197.0%	285.2%	420.0%	2.29	0.036	0.012
Lowest Third Citywide	33	63.5%	95.3%	107.6%	0.0%	71.2%	127.5%	184.6%	271.8%	2.65	0.036	0.015
Black / Hispanic Males in Lowest Third Citywide	21	40.4%	100.0%	121.4%	0.0%	65.3%	116.9%	169.2%	249.2%	3.09	0.036	0.019
College and Career Readiness												
○ Students in Lowest Third Citywide, College and Career Preparatory Course Index	33	63.5%	95.3%	3.0%	0.0%	7.3%	13.0%	18.9%	27.8%	1.41	0.036	0.004
○ Students in Lowest Third Citywide, 4-Year College Readiness Index	33	63.5%	95.3%	0.0%	0.0%	1.4%	2.5%	3.7%	5.4%	1.00	0.036	0.000
○ Students in the Lowest Third Citywide, Postsecondary Enrollment Rate - 6 Months	63	62.4%	100.0%	22.2%	0.0%	11.4%	20.4%	29.5%	43.4%	3.20	0.036	0.020

CtAG Additional Points

Overall Student Achievement Score

- 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			
Quality Review 1.2			
Quality Review 2.2			
NYC School Survey - Rigorous Instruction	90%	3.56	
Section Rating:	Section Score:		

Collaborative Teachers			
Quality Review 4.2			
NYC School Survey - Collaborative Teachers	85%	3.24	
Section Rating:	Section Score:		

Supportive Environment			
Quality Review 3.4			
NYC School Survey - Supportive Environment	82%	3.04	
Percentage of students with 90%+ attendance			
EMS			
HS	32.4%	1.72	
Overall	32.4%	1.72	
Movement of students with disabilities to less restrictive environments			
EMS			
HS	0.77	4.29	
Overall	0.77	4.29	
Section Rating:	Section Score:		

Effective School Leadership			
NYC School Survey - Effective School Leadership	86%	3.60	
Section Rating:	Section Score:		

Strong Family-Community Ties			
NYC School Survey - Strong Family-Community Ties	85%	4.16	
Section Rating:	Section Score:		

Trust			
NYC School Survey - Trust	90%	3.52	
Section Rating:	Section Score:		

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Rigorous Instruction							
Common Core shifts in literacy	Teachers	83	76.8	89.4	100.0	0.27	2.08
• Common Core shifts in math	Teachers	100	69.2	85.8	100.0	1.00	4.99
Course clarity	Students	88	77.5	86.9	96.3	0.56	3.24
Quality of student discussion	Teachers	87	55.8	77.8	99.8	0.71	3.84
Section Results:		90%					3.56
Collaborative Teachers							
Cultural awareness:							
Cultural awareness	Teachers	95	85.4	94.4	100.0	0.75	
Cultural awareness	Parents	94	82.3	91.9	100.0	0.66	
Cultural awareness	Students	70	66.6	80.6	94.6	0.14	
Cultural awareness	Combined	86				0.52	3.08
Inclusive classroom instruction	Teachers	92	82.7	93.1	100.0	0.53	3.12
Quality of professional development	Teachers	81	50.4	75.6	100.0	0.61	3.44
School commitment	Teachers	74	53.7	82.3	100.0	0.45	2.80
Innovation	Teachers	83	65.9	84.5	100.0	0.51	3.04
• Reflective dialogue	Teachers	95	85.1	95.3	100.0	0.75	4.00
Peer collaboration	Teachers	90	75.2	90.6	100.0	0.58	3.32
Focus on student learning	Teachers	88	60.0	85.2	100.0	0.70	3.80
Collective responsibility	Teachers	75	58.1	80.7	100.0	0.40	2.60
Section Results:		85%					3.24
Supportive Environment							
Safety:							
Safety	Teachers						
Safety	Students	86	67.5	82.9	98.3	0.58	
Safety	Combined	86				0.58	3.32
Classroom behavior:							
Classroom behavior	Teachers						
Classroom behavior	Students	83	68.3	82.1	95.9	0.54	
Classroom behavior	Combined	83				0.54	3.16
• Social-emotional measure	Teachers	98	86.6	95.2	100.0	0.87	4.48
○ Peer interactions	Students	65	58.2	74.4	90.6	0.22	1.88
Next-level guidance	Students	82	71.4	83.6	95.8	0.43	2.72
Press toward academic achievement:							
Press toward academic achievement	Teachers						
Press toward academic achievement	Students	82	76.3	86.1	95.9	0.27	
Press toward academic achievement	Combined	82				0.27	2.08
Personal attention and support	Students	88	69.0	81.8	94.6	0.73	3.92
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	52	41.0	61.6	82.2	0.27	
Peer support for academic work	Combined	69				0.42	2.68
Section Results:		82%					3.04

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Effective School Leadership							
Inclusive principal leadership	Parents	90	76.5	88.9	100.0	0.57	3.28
Teacher influence	Teachers	80	40.6	71.4	100.0	0.66	3.64
Program coherence	Teachers	83	57.0	82.6	100.0	0.60	3.40
• Principal instructional leadership	Teachers	90	58.2	84.6	100.0	0.76	4.04
Section Results:		86%					3.60
Strong Family Community Ties							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	90	75.2	89.0	100.0	0.58	
Teacher outreach to parents	Parents	93	76.7	88.1	99.5	0.69	
Teacher outreach to parents	Combined	91				0.64	3.56
• Parent involvement in the schools	Parents	78	41.2	61.0	80.8	0.94	4.76
Section Results:		85%					4.16
Trust							
Parent-teacher trust	Parents	90	84.9	93.1	100.0	0.50	3.00
Parent-principal trust	Parents	92	84.5	93.7	100.0	0.50	3.00
Student-teacher trust	Students	82	68.5	81.1	93.7	0.52	3.08
• Teacher-principal trust	Teachers	91	55.0	84.0	100.0	0.80	4.20
• Teacher-teacher trust	Teachers	96	75.7	90.9	100.0	0.84	4.36
Section Results:		90%					3.52

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					
10+ Credits in 1st Year - School's Lowest Third					
10+ Credits in 2nd Year - All Students					
10+ Credits in 2nd Year - School's Lowest Third					
10+ Credits in 3rd Year - All Students					
10+ Credits in 3rd Year - School's Lowest Third					
Regents Performance					
Average Completion Rate for Remaining Regents	20.8%				
Average Regents Score - English (non-Common Core)*	64.0				
Average Regents Score - English (Common Core)*					
Average Regents Score - Living Environment*	60.0				
Average Regents Score - Global History*	57.0				
Average Regents Score - US History*	68.0				
Average Regents Score - Algebra I (Common Core)*					
Graduation / Non-Dropout					
4-Year Graduation Rate	36.5%				
6-Year Graduation Rate	49.6%	49.9% or lower	50.0% to 59.9%	60.0% to 69.9%	70.0% or higher
4-Year Non-Dropout Rate	61.5%				
6-Year Non-Dropout Rate	54.6%	52.5% or lower	52.6% to 59.9%	60.0% to 69.9%	70.0% or higher
College and Career Readiness					
College and Career Preparatory Course Index	3.8%				
4-Year College Readiness Index	1.9%				
6-Year College Readiness Index with Persistence	22.7%	16.4% or lower	16.5% to 23.3%	23.4% to 28.2%	28.3% or higher
Postsecondary Enrollment Rate - 6 Months	31.7%	32.1% or lower	32.2% to 40.4%	40.5% to 46.3%	46.4% or higher
Postsecondary Enrollment Rate - 18 Months	30.0%	33.5% or lower	33.6% to 39.6%	39.7% to 43.9%	44.0% 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	2015-16 Targets			
	School Value	Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target
Four-Year Graduation Rate					
English Language Learners	33.3%				
Self-Contained / ICT / SETSS	35.3%				
Lowest Third Citywide					
Lowest Third Citywide	30.3%				
Black / Hispanic Males in Lowest Third Citywide	33.3%				
College and Career Readiness of Students in Lowest Third Citywide					
College and Career Preparatory Course Index	3.0%				
4-Year College Readiness Index	0.0%				
Postsecondary Enrollment Rate - 6 Months	22.2%	13.1% or lower	13.2% to 19.8%	19.9% to 24.5%	24.6% 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	32.4%	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	0.77	0.92 or lower	0.93 to 0.94	0.95 to 0.95	0.96 or higher