

2014-15 School Quality Guide / HS

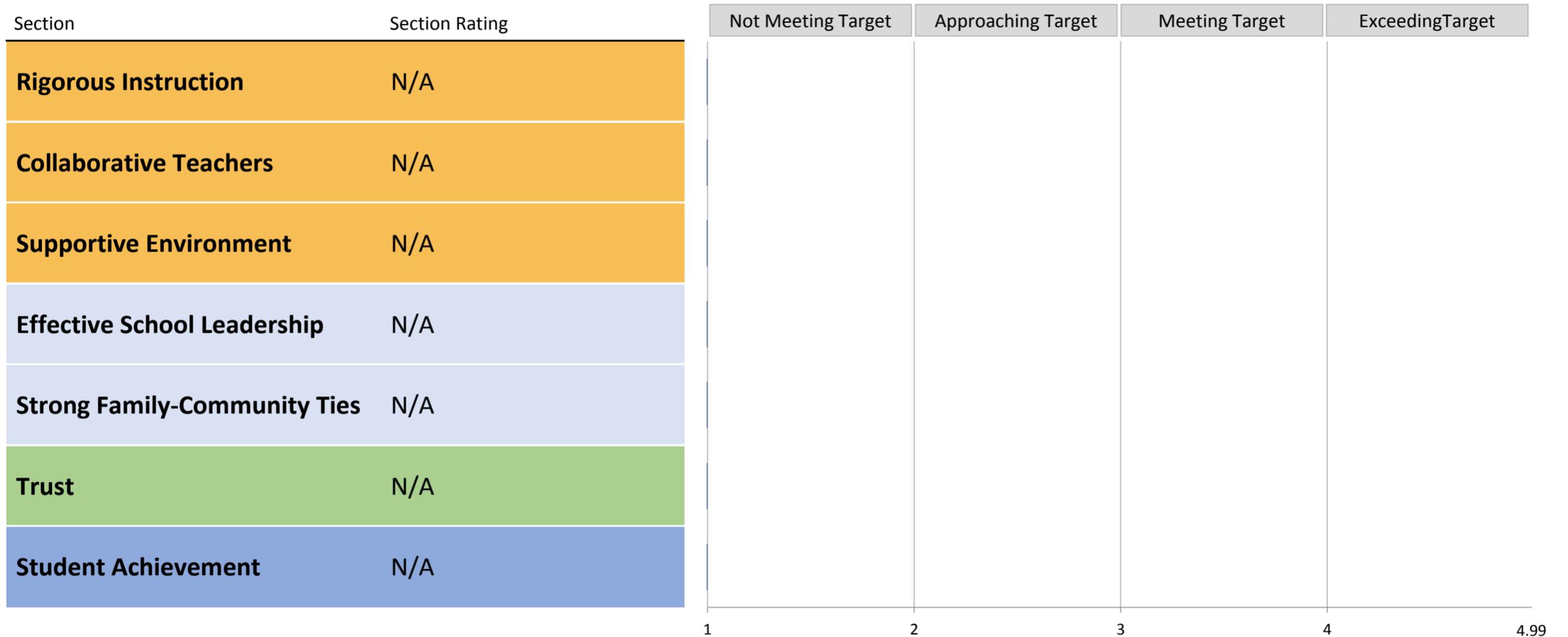
Summary of Section Ratings

30Q258

Energy Tech 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.



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>

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

30Q258
 Energy Tech High School

Student Enrollment

Grade	2012 - 2013	2013 - 2014	2014 - 2015
Grade 9	-	119	122
Grade 10	-	-	105
All students	-	119	227

Student Demographics

	2012 - 2013	2013 - 2014	2014 - 2015
% English Language Learners	-	7%	5%
% Free Lunch Eligible	-	60%	64%
% Student with IEPs	-	21%	19%
% Student with IEPs (less than 20% time)	-	8%	8%
% Overage Under-credited	-	2%	2%
% HRA Eligible	-	-	36%
% Temporary Housing	-	-	5%
% Asian	-	22%	23%
% Black	-	11%	11%
% Hispanic	-	41%	43%
% White	-	13%	16%
% Other	-	13%	7%
Average Incoming ELA Proficiency	-	2.48	2.50
Average Incoming Math Proficiency	-	2.49	2.50

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

30Q258
Energy Tech High School

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	118	94.9%	58.3%	70.4%	78.7%	86.6%	98.9%	4.67	11.11%
● Percent of Students in School's Lowest Third Earning 10+ Credits in 1st Year	38	84.2%	32.9%	50.9%	63.3%	75.0%	93.7%	4.49	11.11%
● Percent of Students Earning 10+ Credits in 2nd Year	108	91.7%	52.1%	64.7%	73.2%	81.2%	94.2%	4.81	11.11%
● Percent of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	31	77.4%	26.6%	45.2%	58.0%	70.0%	89.5%	4.38	11.11%
Percent of Students Earning 10+ Credits in 3rd Year			48.6%	61.9%	70.8%	79.3%	93.0%		0.00%
Percent of Students in School's Lowest Third Earning 10+ Credits in 3rd Year			23.7%	42.7%	55.7%	67.9%	87.8%		0.00%
Regents Performance									
● Average Completion Rate for Remaining Regents	106	83.6%	26.4%	41.7%	50.9%	59.5%	76.0%	4.99	11.11%
● Weighted Regents Pass Rate - ELA	30	1.04	0.49	0.72	0.88	1.03	1.27	4.04	11.11%
Weighted Regents Pass Rate - Math	201	1.00	0.36	0.70	0.94	1.17	1.53	3.26	11.11%
Weighted Regents Pass Rate - Science	160	1.07	0.35	0.74	1.00	1.24	1.66	3.29	11.11%
● Weighted Regents Pass Rate - Global History	102	1.06	0.30	0.56	0.74	0.91	1.18	4.56	11.11%
Weighted Regents Pass Rate - U.S. History			0.35	0.66	0.87	1.07	1.39		0.00%
Graduation / Diploma									
4-Year Graduation Rate			47.7%	60.5%	73.3%	82.4%	93.9%		0.00%
6-Year Graduation Rate			58.2%	68.7%	79.7%	87.5%	97.0%		0.00%
4-Year Weighted Diploma Rate			98.9%	140.7%	184.8%	216.1%	255.5%		0.00%
6-Year Weighted Diploma Rate			101.5%	141.9%	185.7%	216.6%	254.8%		0.00%
College and Career Readiness									
College and Career Preparatory Course Index			0.0%	12.6%	29.1%	42.6%	59.8%		0.00%
4-Year College Readiness Index			0.0%	6.8%	15.7%	23.0%	33.3%		0.00%
6-Year College Readiness Index with Persistence			17.5%	29.3%	42.6%	53.4%	69.4%		0.00%
Postsecondary Enrollment Rate - 6 Months			22.6%	34.0%	46.9%	57.5%	72.8%		0.00%
Postsecondary Enrollment Rate - 18 Months			33.8%	44.6%	57.4%	67.9%	82.1%		0.00%

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		0.0%	0.0%		25.9%	103.0%	163.9%	225.7%	320.1%		0.036	0.000
Self-Contained / ICT / SETSS		0.0%	0.0%		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

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	Well Developed	4.99	
Quality Review 1.2	Proficient	3.40	
Quality Review 2.2	Proficient	3.40	
NYC School Survey - Rigorous Instruction	92%	3.84	
Section Rating:	Section Score:		

Collaborative Teachers			
Quality Review 4.2	Proficient	3.40	
NYC School Survey - Collaborative Teachers	98%	4.76	
Section Rating:	Section Score:		

Supportive Environment			
Quality Review 3.4	Well Developed	4.99	
NYC School Survey - Supportive Environment	86%	3.64	
Percentage of students with 90%+ attendance			
EMS			
HS	87.0%	4.88	
Overall	87.0%	4.88	
Movement of students with disabilities to less restrictive environments			
EMS			
HS	0.41	2.70	
Overall	0.41	2.70	
Section Rating:	Section Score:		

Effective School Leadership			
NYC School Survey - Effective School Leadership	97%	4.56	
Section Rating:	Section Score:		

Strong Family-Community Ties			
NYC School Survey - Strong Family-Community Ties	80%	3.84	
Section Rating:	Section Score:		

Trust			
NYC School Survey - Trust	95%	4.36	
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	96	76.8	89.4	100.0	0.81	4.24
•	Common Core shifts in math	Teachers	97	69.2	85.8	100.0	0.89	4.56
	Course clarity	Students	86	77.5	86.9	96.3	0.45	2.80
	Quality of student discussion	Teachers	87	55.8	77.8	99.8	0.70	3.80
Section Results:			92%					3.84
Collaborative Teachers								
Cultural awareness:								
	Cultural awareness	Teachers	97	85.4	94.4	100.0	0.76	
	Cultural awareness	Parents	98	82.3	91.9	100.0	0.88	
	Cultural awareness	Students	78	66.6	80.6	94.6	0.39	
	Cultural awareness	Combined	91				0.68	3.72
•	Inclusive classroom instruction	Teachers	100	82.7	93.1	100.0	1.00	4.99
•	Quality of professional development	Teachers	95	50.4	75.6	100.0	0.90	4.60
•	School commitment	Teachers	98	53.7	82.3	100.0	0.96	4.84
•	Innovation	Teachers	100	65.9	84.5	100.0	1.00	4.99
•	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	100	60.0	85.2	100.0	1.00	4.99
•	Collective responsibility	Teachers	97	58.1	80.7	100.0	0.93	4.72
Section Results:			98%					4.76
Supportive Environment								
Safety:								
	Safety	Teachers						
	Safety	Students	88	67.5	82.9	98.3	0.68	
	Safety	Combined	88				0.68	3.72
Classroom behavior:								
	Classroom behavior	Teachers						
	Classroom behavior	Students	83	68.3	82.1	95.9	0.52	
	Classroom behavior	Combined	83				0.52	3.08
•	Social-emotional measure	Teachers	100	86.6	95.2	100.0	1.00	4.99
	Peer interactions	Students	79	58.2	74.4	90.6	0.65	3.60
	Next-level guidance	Students	87	71.4	83.6	95.8	0.62	3.48
Press toward academic achievement:								
	Press toward academic achievement	Teachers						
	Press toward academic achievement	Students	86	76.3	86.1	95.9	0.50	
	Press toward academic achievement	Combined	86				0.50	3.00
	Personal attention and support	Students	84	69.0	81.8	94.6	0.60	3.40
Peer support for academic work:								
	Peer support for academic work	Teachers						
	Peer support for academic work	Parents	96	68.1	85.5	100.0	0.86	
	Peer support for academic work	Students	62	41.0	61.6	82.2	0.51	
	Peer support for academic work	Combined	79				0.68	3.72
Section Results:			86%					3.64

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
Effective School Leadership							
Inclusive principal leadership	Parents	92	76.5	88.9	100.0	0.65	3.60
• Teacher influence	Teachers	94	40.6	71.4	100.0	0.89	4.56
• Program coherence	Teachers	100	57.0	82.6	100.0	1.00	4.99
• Principal instructional leadership	Teachers	100	58.2	84.6	100.0	1.00	4.99
Section Results:		97%					4.56
Strong Family Community Ties							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	98	75.2	89.0	100.0	0.94	
Teacher outreach to parents	Parents	96	76.7	88.1	99.5	0.84	
• Teacher outreach to parents	Combined	97				0.89	4.56
Parent involvement in the schools	Parents	62	41.2	61.0	80.8	0.53	3.12
Section Results:		80%					3.84
Trust							
• Parent-teacher trust	Parents	98	84.9	93.1	100.0	0.84	4.36
• Parent-principal trust	Parents	97	84.5	93.7	100.0	0.83	4.32
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	100	75.7	90.9	100.0	1.00	4.99
Section Results:		95%					4.36

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

30Q258
 Energy Tech High School

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	94.9%	77.1% or lower	77.2% to 83.4%	83.5% to 87.9%	88.0% or higher
10+ Credits in 1st Year - School's Lowest Third	84.2%	61.6% or lower	61.7% to 72.3%	72.4% to 79.8%	79.9% or higher
10+ Credits in 2nd Year - All Students	91.7%	74.0% or lower	74.1% to 81.2%	81.3% to 86.3%	86.4% or higher
10+ Credits in 2nd Year - School's Lowest Third	77.4%	60.6% or lower	60.7% to 71.2%	71.3% to 78.7%	78.8% or higher
10+ Credits in 3rd Year - All Students		73.5% or lower	73.6% to 80.9%	81.0% to 86.1%	86.2% or higher
10+ Credits in 3rd Year - School's Lowest Third		58.3% or lower	58.4% to 68.8%	68.9% to 76.2%	76.3% or higher
Regents Performance					
Average Completion Rate for Remaining Regents	83.6%	64.5% or lower	64.6% to 71.4%	71.5% to 76.3%	76.4% or higher
Average Regents Score - English (non-Common Core)*		73.1 or lower	73.2 to 76.5	76.6 to 78.8	78.9 or higher
Average Regents Score - English (Common Core)*	89.0	76.5 or lower	76.6 to 80.3	80.4 to 82.9	83.0 or higher
Average Regents Score - Living Environment*	74.0	70.9 or lower	71.0 to 74.2	74.3 to 76.5	76.6 or higher
Average Regents Score - Global History*	80.0	68.0 or lower	68.1 to 71.6	71.7 to 74.1	74.2 or higher
Average Regents Score - US History*		76.2 or lower	76.3 to 80.2	80.3 to 83.0	83.1 or higher
Average Regents Score - Algebra I (Common Core)*	64.0	63.5 or lower	63.6 to 66.3	66.4 to 68.3	68.4 or higher
Graduation / Non-Dropout					
4-Year Graduation Rate					
6-Year Graduation Rate					
4-Year Non-Dropout Rate					
6-Year Non-Dropout Rate					
College and Career Readiness					
College and Career Preparatory Course Index					
4-Year College Readiness Index					
6-Year College Readiness Index with Persistence					
Postsecondary Enrollment Rate - 6 Months					
Postsecondary Enrollment Rate - 18 Months					

* 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					
Self-Contained / ICT / SETSS					
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	87.0%	73.6% or lower	73.7% to 80.9%	81.0% to 86.0%	86.1% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.41	0.32 or lower	0.33 to 0.49	0.50 to 0.61	0.62 or higher