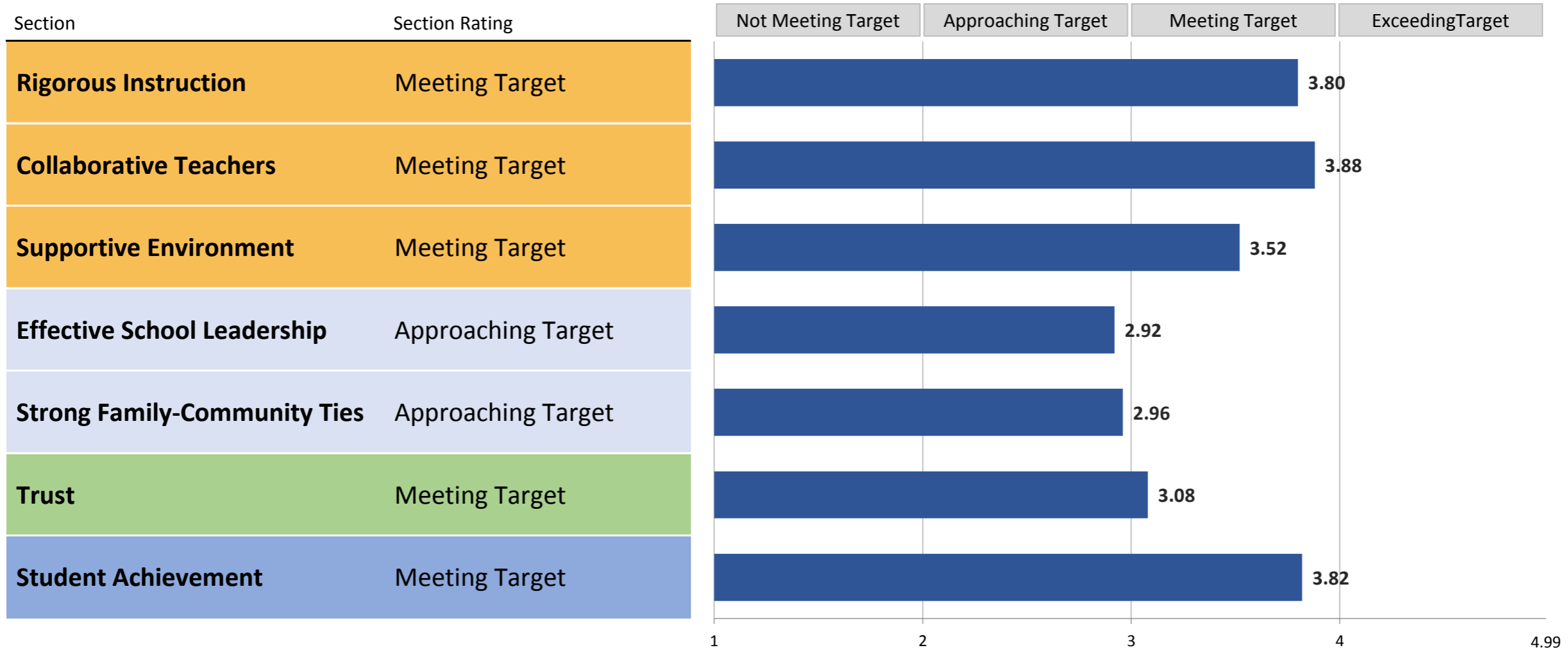


**Framework for Great Schools**

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**

<b>Grade</b>	<b>2012 - 2013</b>	<b>2013 - 2014</b>	<b>2014 - 2015</b>
Grade 9	83	96	95
Grade 10	94	80	94
Grade 11	83	90	79
Grade 12	79	81	83
<b>All students</b>	<b>339</b>	<b>347</b>	<b>351</b>

**Student Demographics**

	<b>2012 - 2013</b>	<b>2013 - 2014</b>	<b>2014 - 2015</b>
% English Language Learners	6%	7%	5%
% Free Lunch Eligible	83%	83%	84%
% Student with IEPs	22%	23%	22%
% Student with IEPs (less than 20% time)	6%	5%	5%
% Overage Under-credited	4%	3%	5%
% HRA Eligible	-	74%	60%
% Temporary Housing	-	10%	7%
% Asian	3%	3%	1%
% Black	28%	30%	33%
% Hispanic	67%	65%	64%
% White	2%	2%	1%
% Other	0%	1%	0%
Average Incoming ELA Proficiency	2.68	2.37	2.33
Average Incoming Math Proficiency	3.12	2.45	2.42

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

09X241

Urban Assembly School for Applied Math and Science, The

Student Achievement Rating <b>Meeting Target</b>	Student Achievement Score <b>3.82</b>
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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			
<b>Credit Accumulation</b>									
Percent of Students Earning 10+ Credits in 1st Year	93	81.7%	63.5%	74.3%	81.4%	88.1%	98.7%	3.04	4.17%
Percent of Students in School's Lowest Third Earning 10+ Credits in 1st Year	31	74.2%	36.2%	53.9%	66.1%	77.5%	95.7%	3.71	4.17%
Percent of Students Earning 10+ Credits in 2nd Year	94	85.1%	57.3%	69.7%	77.7%	85.3%	97.4%	3.97	4.17%
Percent of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	31	71.0%	30.8%	49.6%	62.2%	74.1%	93.3%	3.74	4.17%
Percent of Students Earning 10+ Credits in 3rd Year	81	74.1%	54.0%	66.7%	74.9%	82.6%	95.2%	2.90	4.17%
Percent of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	26	57.7%	28.2%	47.2%	59.9%	71.8%	91.1%	2.83	4.17%
<b>Regents Performance</b>									
Average Completion Rate for Remaining Regents	203	66.5%	31.2%	48.7%	59.2%	69.0%	85.7%	3.74	4.17%
Weighted Regents Pass Rate - ELA	83	0.98	0.62	0.83	0.96	1.08	1.29	3.17	4.17%
Weighted Regents Pass Rate - Math	104	1.08	0.55	0.86	1.07	1.27	1.58	3.05	4.17%
Weighted Regents Pass Rate - Science	154	1.09	0.54	0.90	1.11	1.31	1.69	2.90	4.17%
Weighted Regents Pass Rate - Global History	108	1.05	0.43	0.68	0.85	1.01	1.26	4.16	4.17%
Weighted Regents Pass Rate - U.S. History	87	1.15	0.52	0.80	0.99	1.18	1.47	3.84	4.17%
<b>Graduation / Diploma</b>									
4-Year Graduation Rate	82	87.8%	53.2%	66.1%	78.3%	86.9%	97.5%	4.08	6.25%
6-Year Graduation Rate	78	93.6%	61.8%	72.3%	82.9%	90.5%	99.6%	4.34	6.25%
4-Year Weighted Diploma Rate	82	226.8%	115.7%	157.1%	199.0%	228.7%	265.6%	3.94	6.25%
6-Year Weighted Diploma Rate	78	230.1%	117.6%	156.2%	196.3%	224.8%	259.9%	4.15	6.25%
<b>College and Career Readiness</b>									
College and Career Preparatory Course Index	82	59.8%	0.0%	16.3%	37.7%	55.1%	75.8%	4.23	5.00%
4-Year College Readiness Index	82	37.8%	0.2%	10.8%	24.7%	36.1%	49.5%	4.13	5.00%
6-Year College Readiness Index with Persistence	78	62.8%	23.8%	37.7%	53.1%	65.7%	81.7%	3.77	5.00%
Postsecondary Enrollment Rate - 6 Months	86	55.8%	29.3%	42.6%	57.6%	69.7%	85.0%	2.88	5.00%
Postsecondary Enrollment Rate - 18 Months	78	76.9%	40.5%	52.3%	65.8%	76.7%	90.4%	4.01	5.00%
<b>Weighted Average Score</b>								<b>3.69</b>	

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				
<b>Four-Year Weighted Diploma Rate</b>												
English Language Learners	11	13.4%	24.1%	250.0%	25.9%	103.0%	163.9%	225.7%	320.1%		0.036	0.000
Self-Contained / ICT / SETSS	15	18.3%	46.4%	266.7%	0.0%	110.0%	197.0%	285.2%	420.0%	3.79	0.036	0.025
Lowest Third Citywide	16	19.5%	29.3%	237.5%	0.0%	71.2%	127.5%	184.6%	271.8%	4.61	0.036	0.033
Black / Hispanic Males in Lowest Third Citywide	6	7.3%	18.7%	266.7%	0.0%	65.3%	116.9%	169.2%	249.2%		0.036	0.000
<b>College and Career Readiness</b>												
Students in Lowest Third Citywide, College and Career Preparatory Course Index	16	19.5%	29.3%	56.3%	0.0%	7.3%	13.0%	18.9%	27.8%	4.99	0.036	0.036
Students in Lowest Third Citywide, 4-Year College Readiness Index	16	19.5%	29.3%	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	35	40.7%	66.9%	37.1%	0.0%	11.4%	20.4%	29.5%	43.4%	4.55	0.036	0.032
<b>CtAG Additional Points</b>											<b>0.13</b>	
<b>Overall Student Achievement Score</b>											<b>3.82</b>	

- 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
<b>Rigorous Instruction</b>			
Quality Review 1.1	Well Developed	4.99	22%
Quality Review 1.2	Proficient	3.40	22%
Quality Review 2.2	Well Developed	4.99	22%
NYC School Survey - Rigorous Instruction	82%	2.56	34%
<b>Section Rating: Meeting Target</b>	<b>Section Score:</b>	<b>3.80</b>	

<b>Collaborative Teachers</b>			
Quality Review 4.2	Well Developed	4.99	50%
NYC School Survey - Collaborative Teachers	82%	2.76	50%
<b>Section Rating: Meeting Target</b>	<b>Section Score:</b>	<b>3.88</b>	

<b>Supportive Environment</b>			
Quality Review 3.4	Well Developed	4.99	30%
NYC School Survey - Supportive Environment	80%	2.68	35%
Percentage of students with 90%+ attendance			
EMS	74.2%	2.68	
HS	66.3%	3.28	
Overall	70.3%	3.00	30%
Movement of students with disabilities to less restrictive environments			
EMS	0.52	3.90	
HS	0.44	2.86	
Overall	0.48	3.38	5%
<b>Section Rating: Meeting Target</b>	<b>Section Score:</b>	<b>3.52</b>	

<b>Effective School Leadership</b>			
NYC School Survey - Effective School Leadership	79%	2.92	100%
<b>Section Rating: Approaching Target</b>	<b>Section Score:</b>	<b>2.92</b>	

<b>Strong Family-Community Ties</b>			
NYC School Survey - Strong Family-Community Ties	77%	2.96	100%
<b>Section Rating: Approaching Target</b>	<b>Section Score:</b>	<b>2.96</b>	

<b>Trust</b>			
NYC School Survey - Trust	86%	3.08	100%
<b>Section Rating: Meeting Target</b>	<b>Section Score:</b>	<b>3.08</b>	

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
<b>Rigorous Instruction</b>							
Common Core shifts in literacy	Teachers	87	78.0	90.2	100.0	0.39	2.56
Common Core shifts in math	Teachers	85	73.4	86.8	100.0	0.45	2.80
Course clarity	Students	87	79.8	87.6	95.4	0.44	2.76
Quality of student discussion	Teachers	70	58.6	79.2	99.8	0.27	2.08
<b>Section Results:</b>		<b>82%</b>					<b>2.56</b>
<b>Collaborative Teachers</b>							
Cultural awareness:							
Cultural awareness	Teachers	87	85.7	94.3	100.0	0.25	
Cultural awareness	Parents	92	85.4	92.4	99.4	0.50	
Cultural awareness	Students	77	69.5	80.9	92.3	0.35	
Cultural awareness	Combined	85				0.37	2.48
o Inclusive classroom instruction	Teachers	84	81.4	92.4	100.0	0.11	1.44
Quality of professional development	Teachers	64	45.8	75.2	100.0	0.34	2.36
School commitment	Teachers	84	60.1	85.3	100.0	0.59	3.36
Innovation	Teachers	77	63.0	84.2	100.0	0.39	2.56
Reflective dialogue	Teachers	94	85.6	95.2	100.0	0.58	3.32
Peer collaboration	Teachers	90	72.0	89.8	100.0	0.63	3.52
Focus on student learning	Teachers	83	64.0	86.6	100.0	0.53	3.12
Collective responsibility	Teachers	73	54.5	80.5	100.0	0.40	2.60
<b>Section Results:</b>		<b>82%</b>					<b>2.76</b>
<b>Supportive Environment</b>							
Safety:							
Safety	Teachers						
Safety	Students	82	69.7	83.1	96.5	0.45	
Safety	Combined	82				0.45	2.80
Classroom behavior:							
Classroom behavior	Teachers						
Classroom behavior	Students	75	67.0	80.4	93.8	0.30	
Classroom behavior	Combined	75				0.30	2.20
• Social-emotional measure	Teachers	95	86.5	95.3	100.0	0.75	4.00
Peer interactions	Students	72	63.1	76.5	89.9	0.34	2.36
Next-level guidance	Students	80	72.1	83.3	94.5	0.34	2.36
Press toward academic achievement:							
Press toward academic achievement	Teachers						
Press toward academic achievement	Students	84	80.3	87.9	95.5	0.26	
Press toward academic achievement	Combined	84				0.26	2.04
Personal attention and support	Students	84	73.6	83.0	92.4	0.53	3.12
Peer support for academic work:							
Peer support for academic work	Teachers						
Peer support for academic work	Parents	82	72.8	86.8	100.0	0.35	
Peer support for academic work	Students	60	45.3	61.7	78.1	0.46	
Peer support for academic work	Combined	71				0.40	2.60
<b>Section Results:</b>		<b>80%</b>					<b>2.68</b>

		Survey % Positive	City Range			Percent of Range	Score
			Bottom of Range	City Avg	Top of Range		
<b>Effective School Leadership</b>							
○ Inclusive principal leadership	Parents	82	76.7	88.9	100.0	0.23	1.92
Teacher influence	Teachers	72	44.5	71.1	97.7	0.51	3.04
Program coherence	Teachers	81	52.0	80.8	100.0	0.61	3.44
Principal instructional leadership	Teachers	81	56.6	85.0	100.0	0.57	3.28
<b>Section Results:</b>		79%					<b>2.92</b>
<b>Strong Family Community Ties</b>							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	89	77.3	90.9	100.0	0.52	
Teacher outreach to parents	Parents	86	76.9	88.1	99.3	0.41	
Teacher outreach to parents	Combined	88				0.46	2.84
Parent involvement in the schools	Parents	65	48.2	65.0	81.8	0.51	3.04
<b>Section Results:</b>		77%					<b>2.96</b>
<b>Trust</b>							
Parent-teacher trust	Parents	92	86.5	93.3	100.0	0.50	3.00
Parent-principal trust	Parents	90	84.5	93.1	100.0	0.50	3.00
Student-teacher trust	Students	81	69.1	79.9	90.7	0.54	3.16
Teacher-principal trust	Teachers	84	56.9	85.9	100.0	0.63	3.52
Teacher-teacher trust	Teachers	85	74.0	90.8	100.0	0.42	2.68
<b>Section Results:</b>		86%					<b>3.08</b>



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

09X241

Urban Assembly School for Applied Math and Science

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
<b>Credit Accumulation</b>					
10+ Credits in 1st Year - All Students	81.7%	67.5% or lower	67.6% to 75.5%	75.6% to 81.1%	81.2% or higher
10+ Credits in 1st Year - School's Lowest Third	74.2%	51.9% or lower	52.0% to 63.0%	63.1% to 70.8%	70.9% or higher
10+ Credits in 2nd Year - All Students	85.1%	68.7% or lower	68.8% to 76.3%	76.4% to 81.6%	81.7% or higher
10+ Credits in 2nd Year - School's Lowest Third	71.0%	53.5% or lower	53.6% to 64.1%	64.2% to 71.6%	71.7% or higher
10+ Credits in 3rd Year - All Students	74.1%	69.5% or lower	69.6% to 77.1%	77.2% to 82.5%	82.6% or higher
10+ Credits in 3rd Year - School's Lowest Third	57.7%	56.2% or lower	56.3% to 66.7%	66.8% to 74.1%	74.2% or higher
<b>Regents Performance</b>					
Average Completion Rate for Remaining Regents	66.5%	49.1% or lower	49.2% to 56.0%	56.1% to 60.8%	60.9% or higher
Average Regents Score - English (non-Common Core)*	75.0	69.0 or lower	69.1 to 72.4	72.5 to 74.7	74.8 or higher
Average Regents Score - English (Common Core)*	75.0	73.2 or lower	73.3 to 77.0	77.1 to 79.7	79.8 or higher
Average Regents Score - Living Environment*	66.0	63.9 or lower	64.0 to 67.2	67.3 to 69.5	69.6 or higher
Average Regents Score - Global History*	74.0	59.8 or lower	59.9 to 63.4	63.5 to 65.9	66.0 or higher
Average Regents Score - US History*	82.0	70.6 or lower	70.7 to 74.6	74.7 to 77.4	77.5 or higher
Average Regents Score - Algebra I (Common Core)*	60.0	58.3 or lower	58.4 to 61.1	61.2 to 64.9	65.0 or higher
<b>Graduation / Non-Dropout</b>					
4-Year Graduation Rate	87.8%	74.7% or lower	74.8% to 81.7%	81.8% to 86.7%	86.8% or higher
6-Year Graduation Rate	93.6%	75.5% or lower	75.6% to 81.0%	81.1% to 85.0%	85.1% or higher
4-Year Non-Dropout Rate	92.7%	86.9% or lower	87.0% to 90.6%	90.7% to 93.1%	93.2% or higher
6-Year Non-Dropout Rate	96.2%	78.5% or lower	78.6% to 83.4%	83.5% to 86.9%	87.0% or higher
<b>College and Career Readiness</b>					
College and Career Preparatory Course Index	59.8%	31.4% or lower	31.5% to 44.4%	44.5% to 53.5%	53.6% or higher
4-Year College Readiness Index	37.8%	26.7% or lower	26.8% to 35.0%	35.1% to 40.7%	40.8% or higher
6-Year College Readiness Index with Persistence	62.8%	45.0% or lower	45.1% to 52.0%	52.1% to 56.8%	56.9% or higher
Postsecondary Enrollment Rate - 6 Months	55.8%	59.8% or lower	59.9% to 68.2%	68.3% to 74.1%	74.2% or higher
Postsecondary Enrollment Rate - 18 Months	76.9%	62.6% or lower	62.7% to 68.7%	68.8% to 73.0%	73.1% 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
<b>Four-Year Graduation Rate</b>					
English Language Learners	90.9%	62.2% or lower	62.3% to 72.7%	72.8% to 80.1%	80.2% or higher
Self-Contained / ICT / SETSS	66.7%	59.1% or lower	59.2% to 70.3%	70.4% to 78.2%	78.3% or higher
<b>Lowest Third Citywide</b>					
Lowest Third Citywide	87.5%	47.8% or lower	47.9% to 58.9%	59.0% to 66.6%	66.7% or higher
Black / Hispanic Males in Lowest Third Citywide	83.3%	45.8% or lower	45.9% to 57.6%	57.7% to 65.9%	66.0% or higher
<b>College and Career Readiness of Students in Lowest Third Citywide</b>					
College and Career Preparatory Course Index	56.3%	12.0% or lower	12.1% to 18.1%	18.2% to 22.4%	22.5% or higher
4-Year College Readiness Index	0.0%	4.8% or lower	4.9% to 7.2%	7.3% to 8.9%	9.0% or higher
Postsecondary Enrollment Rate - 6 Months	37.1%	31.1% or lower	31.2% to 39.8%	39.9% to 46.0%	46.1% 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	66.3%	55.2% or lower	55.3% to 62.4%	62.5% to 69.9%	70.0% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.44	0.37 or lower	0.38 to 0.55	0.56 to 0.67	0.68 or higher