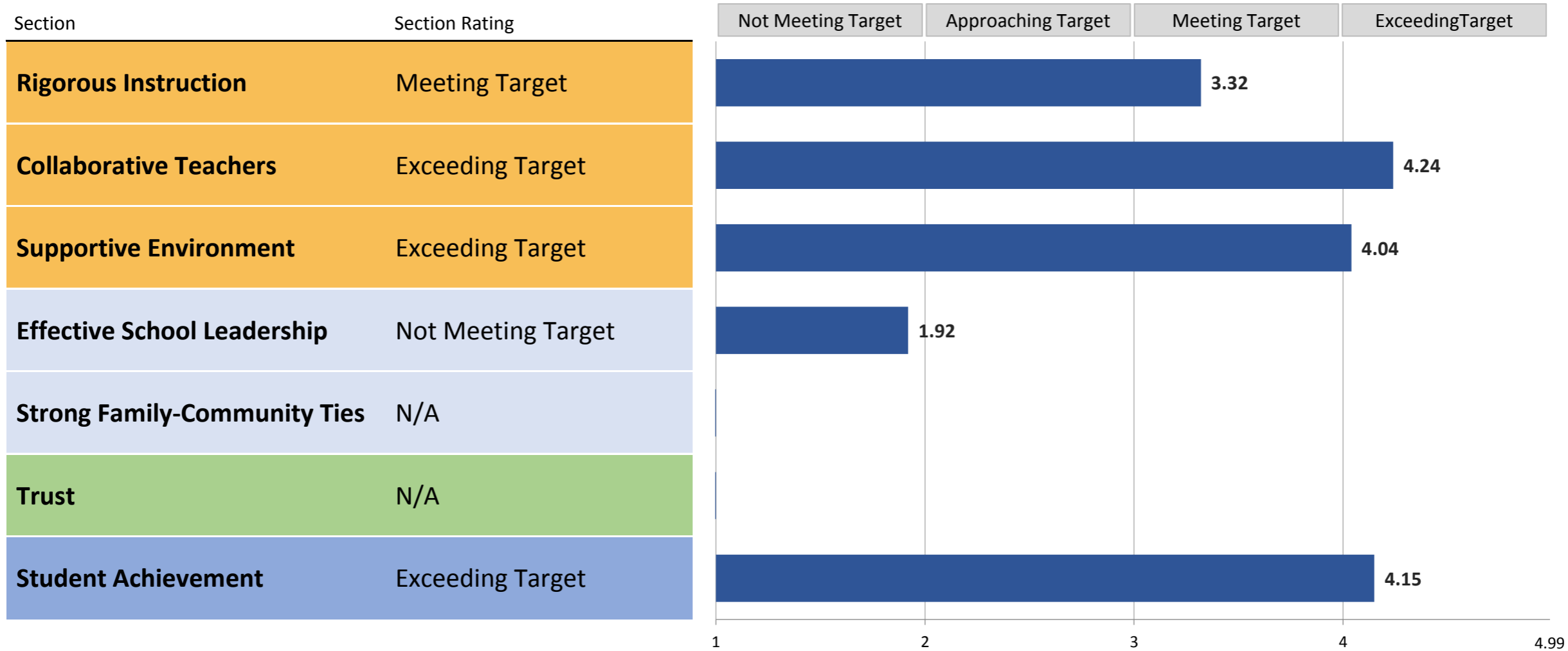


**Framework for Great Schools**

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: Reward**

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	269	277	278
Grade 10	258	274	282
Grade 11	244	250	271
Grade 12	247	245	250
<b>All students</b>	<b>1018</b>	<b>1046</b>	<b>1081</b>

**Student Demographics**

	<b>2012 - 2013</b>	<b>2013 - 2014</b>	<b>2014 - 2015</b>
% English Language Learners	1%	1%	1%
% Free Lunch Eligible	34%	34%	34%
% Student with IEPs	11%	14%	15%
% Student with IEPs (less than 20% time)	1%	3%	3%
% Overage Under-credited	0%	0%	0%
% HRA Eligible	-	-	24%
% Temporary Housing	-	-	2%
% Asian	15%	18%	19%
% Black	9%	9%	10%
% Hispanic	11%	10%	11%
% White	64%	62%	59%
% Other	0%	1%	1%
Average Incoming ELA Proficiency	3.34	3.32	3.31
Average Incoming Math Proficiency	3.83	3.31	3.31

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

22K535

Leon M. Goldstein High School for the Sciences

Student Achievement Rating	Student Achievement Score
<b>Exceeding Target</b>	<b>4.15</b>

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	276	<b>94.9%</b>	76.3%	86.1%	90.1%	94.0%	100.0%	<b>4.15</b>	4.17%
○ Percent of Students in School's Lowest Third Earning 10+ Credits in 1st Year	79	<b>82.3%</b>	55.8%	71.4%	79.7%	87.6%	100.0%	<b>3.33</b>	4.17%
● Percent of Students Earning 10+ Credits in 2nd Year	280	<b>92.9%</b>	71.1%	82.7%	87.7%	92.5%	100.0%	<b>4.05</b>	4.17%
○ Percent of Students in School's Lowest Third Earning 10+ Credits in 2nd Year	86	<b>79.1%</b>	50.3%	67.9%	77.3%	86.1%	100.0%	<b>3.20</b>	4.17%
● Percent of Students Earning 10+ Credits in 3rd Year	270	<b>95.2%</b>	66.6%	79.1%	85.2%	91.0%	100.0%	<b>4.47</b>	4.17%
○ Percent of Students in School's Lowest Third Earning 10+ Credits in 3rd Year	77	<b>88.3%</b>	48.6%	66.7%	76.4%	85.5%	99.7%	<b>4.20</b>	4.17%
<b>Regents Performance</b>									
● Average Completion Rate for Remaining Regents	545	<b>90.4%</b>	55.4%	74.2%	81.6%	88.6%	98.9%	<b>4.17</b>	4.17%
● Weighted Regents Pass Rate - ELA	283	<b>1.29</b>	0.64	0.91	1.09	1.27	1.54	<b>4.07</b>	4.17%
○ Weighted Regents Pass Rate - Math	647	<b>1.30</b>	0.92	1.18	1.28	1.38	1.55	<b>3.20</b>	4.17%
○ Weighted Regents Pass Rate - Science	639	<b>1.33</b>	0.56	1.09	1.46	1.80	2.34	<b>2.65</b>	4.17%
● Weighted Regents Pass Rate - Global History	290	<b>1.22</b>	0.64	0.88	1.02	1.15	1.36	<b>4.33</b>	4.17%
● Weighted Regents Pass Rate - U.S. History	248	<b>1.27</b>	0.67	0.93	1.10	1.25	1.49	<b>4.08</b>	4.17%
<b>Graduation / Diploma</b>									
● 4-Year Graduation Rate	252	<b>98.8%</b>	72.3%	85.5%	91.2%	95.2%	100.0%	<b>4.75</b>	6.25%
● 6-Year Graduation Rate	247	<b>97.6%</b>	78.4%	88.5%	93.0%	96.2%	100.0%	<b>4.37</b>	6.25%
● 4-Year Weighted Diploma Rate	252	<b>269.2%</b>	160.2%	202.9%	238.7%	264.0%	292.9%	<b>4.18</b>	6.25%
○ 6-Year Weighted Diploma Rate	247	<b>257.1%</b>	159.3%	199.2%	235.6%	261.3%	290.5%	<b>3.84</b>	6.25%
<b>College and Career Readiness</b>									
● College and Career Preparatory Course Index	252	<b>98.0%</b>	30.6%	45.8%	63.4%	77.8%	93.8%	<b>4.99</b>	5.00%
● 4-Year College Readiness Index	252	<b>84.5%</b>	22.4%	33.6%	51.3%	65.7%	87.0%	<b>4.88</b>	5.00%
● 6-Year College Readiness Index with Persistence	247	<b>95.1%</b>	48.5%	64.8%	77.0%	87.0%	97.7%	<b>4.76</b>	5.00%
● Postsecondary Enrollment Rate - 6 Months	241	<b>90.0%</b>	50.5%	65.7%	77.6%	87.4%	98.1%	<b>4.24</b>	5.00%
● Postsecondary Enrollment Rate - 18 Months	247	<b>93.9%</b>	59.8%	73.0%	82.6%	90.3%	99.1%	<b>4.41</b>	5.00%
								<b>Weighted Average Score</b>	<b>4.15</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	10	4.0%	7.2%	<b>340.0%</b>	25.9%	103.0%	163.9%	225.7%	320.1%		0.036	0.000
Self-Contained / ICT / SETSS	23	9.1%	23.1%	<b>532.6%</b>	0.0%	110.0%	197.0%	285.2%	420.0%		0.036	0.000
Lowest Third Citywide	4	1.6%	2.4%		0.0%	71.2%	127.5%	184.6%	271.8%		0.036	0.000
Black / Hispanic Males in Lowest Third Citywide	1	0.4%	1.0%		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	4	1.6%	2.4%		0.0%	7.3%	13.0%	18.9%	27.8%		0.036	0.000
Students in Lowest Third Citywide, 4-Year College Readiness Index	4	1.6%	2.4%		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	6	2.5%	4.1%	<b>33.3%</b>	0.0%	11.4%	20.4%	29.5%	43.4%		0.036	0.000
											<b>CtAG Additional Points</b>	<b>0.00</b>
											<b>Overall Student Achievement Score</b>	<b>4.15</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	Proficient	3.40	25%
Quality Review 1.2	Proficient	3.40	25%
Quality Review 2.2	Proficient	3.40	25%
NYC School Survey - Rigorous Instruction	87%	3.08	25%
<b>Section Rating: Meeting Target</b>	<b>Section Score:</b>	<b>3.32</b>	

<b>Collaborative Teachers</b>			
Quality Review 4.2	Well Developed	4.99	67%
NYC School Survey - Collaborative Teachers	81%	2.72	33%
<b>Section Rating: Exceeding Target</b>	<b>Section Score:</b>	<b>4.24</b>	

<b>Supportive Environment</b>			
Quality Review 3.4	Well Developed	4.99	30%
NYC School Survey - Supportive Environment	85%	3.24	35%
Percentage of students with 90%+ attendance			
EMS			
HS	91.2%	4.16	
Overall	91.2%	4.16	30%
Movement of students with disabilities to less restrictive environments			
EMS			
HS	0.50	3.15	
Overall	0.50	3.15	5%
<b>Section Rating: Exceeding Target</b>	<b>Section Score:</b>	<b>4.04</b>	

<b>Effective School Leadership</b>			
NYC School Survey - Effective School Leadership	67%	1.92	100%
<b>Section Rating: Not Meeting Target</b>	<b>Section Score:</b>	<b>1.92</b>	

<b>Strong Family-Community Ties</b>			
NYC School Survey - Strong Family-Community Ties	65%	1.76	
<b>Section Rating:</b>	<b>Section Score:</b>		

<b>Trust</b>			
NYC School Survey - Trust	83%	2.72	
<b>Section Rating:</b>	<b>Section Score:</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	81	76.8	89.4	100.0	0.17	1.68
●	Common Core shifts in math	Teachers	97	69.2	85.8	100.0	0.90	4.60
	Course clarity	Students	85	77.5	86.9	96.3	0.39	2.56
	Quality of student discussion	Teachers	83	55.8	77.8	99.8	0.63	3.52
<b>Section Results:</b>			<b>87%</b>					<b>3.08</b>
<b>Collaborative Teachers</b>								
Cultural awareness:								
	Cultural awareness	Teachers	90	85.4	94.4	100.0	0.50	
	Cultural awareness	Parents	90	82.3	91.9	100.0	0.50	
	Cultural awareness	Students	78	66.6	80.6	94.6	0.41	
	Cultural awareness	Combined	86				0.47	2.88
	Inclusive classroom instruction	Teachers	93	82.7	93.1	100.0	0.60	3.40
	Quality of professional development	Teachers	67	50.4	75.6	100.0	0.34	2.36
●	School commitment	Teachers	89	53.7	82.3	100.0	0.76	4.04
○	Innovation	Teachers	64	65.9	84.5	100.0	0.00	1.00
	Reflective dialogue	Teachers	94	85.1	95.3	100.0	0.60	3.40
	Peer collaboration	Teachers	82	75.2	90.6	100.0	0.27	2.08
	Focus on student learning	Teachers	82	60.0	85.2	100.0	0.56	3.24
	Collective responsibility	Teachers	69	58.1	80.7	100.0	0.25	2.00
<b>Section Results:</b>			<b>81%</b>					<b>2.72</b>
<b>Supportive Environment</b>								
Safety:								
	Safety	Teachers						
	Safety	Students	94	67.5	82.9	98.3	0.84	
●	Safety	Combined	94				0.84	4.36
Classroom behavior:								
	Classroom behavior	Teachers						
	Classroom behavior	Students	88	68.3	82.1	95.9	0.70	
	Classroom behavior	Combined	88				0.70	3.80
	Social-emotional measure	Teachers	89	86.6	95.2	100.0	0.25	2.00
●	Peer interactions	Students	82	58.2	74.4	90.6	0.75	4.00
	Next-level guidance	Students	79	71.4	83.6	95.8	0.30	2.20
Press toward academic achievement:								
	Press toward academic achievement	Teachers						
	Press toward academic achievement	Students	89	76.3	86.1	95.9	0.66	
	Press toward academic achievement	Combined	89				0.66	3.64
○	Personal attention and support	Students	73	69.0	81.8	94.6	0.17	1.68
Peer support for academic work:								
	Peer support for academic work	Teachers						
	Peer support for academic work	Parents	94	68.1	85.5	100.0	0.80	
	Peer support for academic work	Students	71	41.0	61.6	82.2	0.74	
●	Peer support for academic work	Combined	82				0.77	4.08
<b>Section Results:</b>			<b>85%</b>					<b>3.24</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	87	76.5	88.9	100.0	0.43	2.72
○ Teacher influence	Teachers	53	40.6	71.4	100.0	0.20	1.80
○ Program coherence	Teachers	66	57.0	82.6	100.0	0.21	1.84
○ Principal instructional leadership	Teachers	62	58.2	84.6	100.0	0.08	1.32
<b>Section Results:</b>		67%					<b>1.92</b>
<b>Strong Family Community Ties</b>							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	72	75.2	89.0	100.0	0.00	
Teacher outreach to parents	Parents	83	76.7	88.1	99.5	0.26	
○ Teacher outreach to parents	Combined	78				0.13	1.52
Parent involvement in the schools	Parents	51	41.2	61.0	80.8	0.25	2.00
<b>Section Results:</b>		65%					<b>1.76</b>
<b>Trust</b>							
Parent-teacher trust	Parents	93	84.9	93.1	100.0	0.51	3.04
Parent-principal trust	Parents	91	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	66	55.0	84.0	100.0	0.24	1.96
Teacher-teacher trust	Teachers	85	75.7	90.9	100.0	0.40	2.60
<b>Section Results:</b>		83%					<b>2.72</b>



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

22K535

Leon M. Goldstein High School for the 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
<b>Credit Accumulation</b>					
10+ Credits in 1st Year - All Students	94.9%	80.6% or lower	80.7% to 86.0%	86.1% to 89.8%	89.9% or higher
10+ Credits in 1st Year - School's Lowest Third	82.3%	66.8% or lower	66.9% to 76.0%	76.1% to 82.5%	82.6% or higher
10+ Credits in 2nd Year - All Students	92.9%	82.8% or lower	82.9% to 87.6%	87.7% to 90.9%	91.0% or higher
10+ Credits in 2nd Year - School's Lowest Third	79.1%	66.8% or lower	66.9% to 76.1%	76.2% to 82.5%	82.6% or higher
10+ Credits in 3rd Year - All Students	95.2%	79.7% or lower	79.8% to 85.3%	85.4% to 89.3%	89.4% or higher
10+ Credits in 3rd Year - School's Lowest Third	88.3%	65.6% or lower	65.7% to 75.2%	75.3% to 81.9%	82.0% or higher
<b>Regents Performance</b>					
Average Completion Rate for Remaining Regents	90.4%	73.8% or lower	73.9% to 80.7%	80.8% to 85.5%	85.6% or higher
Average Regents Score - English (non-Common Core)*	85.0	78.3 or lower	78.4 to 81.6	81.7 to 84.0	84.1 or higher
Average Regents Score - English (Common Core)*		79.9 or lower	80.0 to 84.9	85.0 to 89.1	89.2 or higher
Average Regents Score - Living Environment*	83.0	76.6 or lower	76.7 to 79.9	80.0 to 82.2	82.3 or higher
Average Regents Score - Global History*	81.0	78.7 or lower	78.8 to 82.3	82.4 to 84.8	84.9 or higher
Average Regents Score - US History*	93.0	79.9 or lower	80.0 to 84.9	85.0 to 89.9	90.0 or higher
Average Regents Score - Algebra I (Common Core)*	68.0	66.8 or lower	66.9 to 69.6	69.7 to 71.5	71.6 or higher
<b>Graduation / Non-Dropout</b>					
4-Year Graduation Rate	98.8%	83.2% or lower	83.3% to 87.9%	88.0% to 91.1%	91.2% or higher
6-Year Graduation Rate	97.6%	87.5% or lower	87.6% to 91.0%	91.1% to 93.4%	93.5% or higher
4-Year Non-Dropout Rate	99.2%	90.2% or lower	90.3% to 92.9%	93.0% to 94.8%	94.9% or higher
6-Year Non-Dropout Rate	98.0%	89.2% or lower	89.3% to 92.1%	92.2% to 94.3%	94.4% or higher
<b>College and Career Readiness</b>					
College and Career Preparatory Course Index	98.0%	63.1% or lower	63.2% to 72.8%	72.9% to 79.6%	79.7% or higher
4-Year College Readiness Index	84.5%	64.8% or lower	64.9% to 72.9%	73.0% to 78.5%	78.6% or higher
6-Year College Readiness Index with Persistence	95.1%	80.4% or lower	80.5% to 85.7%	85.8% to 89.5%	89.6% or higher
Postsecondary Enrollment Rate - 6 Months	90.0%	77.6% or lower	77.7% to 83.7%	83.8% to 88.0%	88.1% or higher
Postsecondary Enrollment Rate - 18 Months	93.9%	82.2% or lower	82.3% to 87.1%	87.2% to 90.5%	90.6% 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
<b>Four-Year Graduation Rate</b>					
English Language Learners	100.0%	68.3% or lower	68.4% to 77.1%	77.2% to 83.3%	83.4% or higher
Self-Contained / ICT / SETSS	95.7%	66.4% or lower	66.5% to 75.7%	75.8% to 82.1%	82.2% or higher
<b>Lowest Third Citywide</b>					
Lowest Third Citywide		54.8% or lower	54.9% to 65.9%	66.0% to 73.6%	73.7% or higher
Black / Hispanic Males in Lowest Third Citywide		47.2% or lower	47.3% to 59.0%	59.1% to 67.3%	67.4% or higher
<b>College and Career Readiness of Students in Lowest Third Citywide</b>					
College and Career Preparatory Course Index		18.7% or lower	18.8% to 28.2%	28.3% to 34.9%	35.0% or higher
4-Year College Readiness Index		4.0% or lower	4.1% to 6.1%	6.2% to 7.6%	7.7% or higher
Postsecondary Enrollment Rate - 6 Months	33.3%	42.4% or lower	42.5% to 51.1%	51.2% to 57.2%	57.3% 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	91.2%	76.6% or lower	76.7% to 83.0%	83.1% to 87.6%	87.7% or higher
Movement of Students with Disabilities to Less Restrictive Environments	0.50	0.35 or lower	0.36 to 0.53	0.54 to 0.65	0.66 or higher