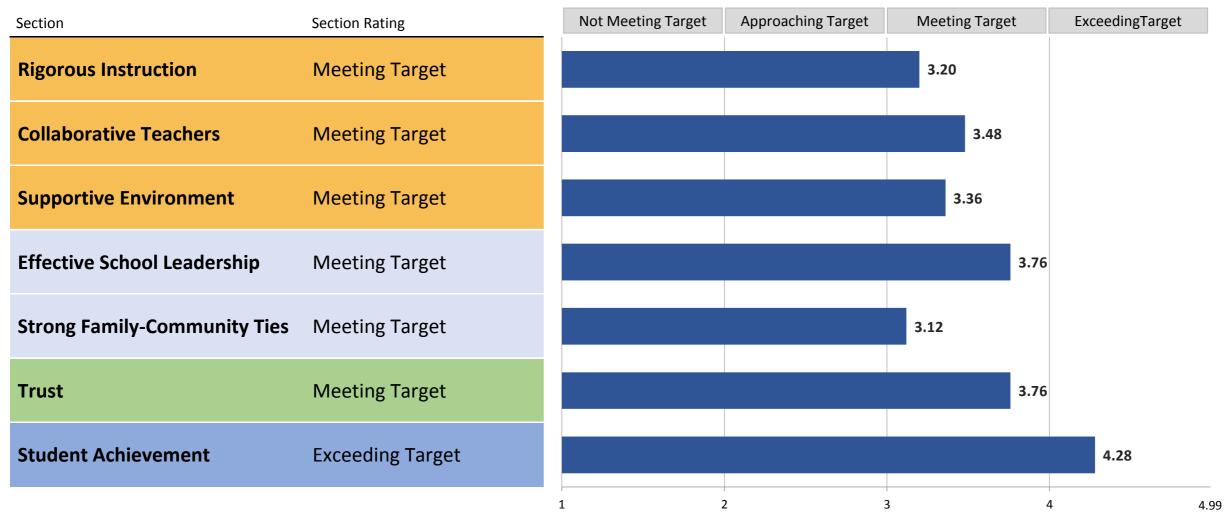
Summary of Section Ratings

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

Academy of Applied Mathematics and Technology

2014-15 School Quality Guide / MS

School Enrollment and Demographic Data

Student Enrollment

Grade	2012 - 2013	2013 - 2014	2014 - 2015
Grade 6	98	103	101
Grade 7	91	100	104
Grade 8	96	93	101
All students	285	296	306

Student Demographics

	2012 - 2013	2013 - 2014	2014 - 2015
% English Language Learners	16%	15%	11%
% Free Lunch Eligible	89%	89%	87%
% Student with IEPs	29%	27%	27%
% Student with IEPs (less than 20% time)	11%	9%	11%
% HRA Eligible	-	76%	76%
% Temporary Housing	-	15%	12%
% Asian	1%	1%	1%
% Black	29%	26%	25%
% Hispanic	68%	71%	73%
% White	1%	1%	1%
% Other	0%	1%	1%
Average Incoming ELA Proficiency	2.57	2.27	2.37
Average Incoming Math Proficiency	2.89	2.46	2.56

07X343 Academy of Applied Mathematics and Technology

Student Achievement Scoring Appendix

Student Achievement Rating	Student Achievement Score	
Exceeding Target	4.28	

Student Achievement Metrics		2014-15	Bottom of	Approaching	Meeting	Exceeding	Top of		
	n	School Value	Target Range	Target	Target	Target	Target Range	Metric Score	Weight Pct
State Test Results - ELA									
Average Student Proficiency	298	2.36	1.94	2.14	2.24	2.36	2.61	4.00	9.80%
 Percentage of Students at Level 3 or 4 	298	18.5%	0.8%	7.0%	11.4%	16.4%	24.6%	4.26	9.80%
Median Adjusted Growth Percentile	291	57.0	50.2	55.5	63.3	68.5	77.7	2.19	9.80%
Median Adjusted Growth Percentile - School's Lowest Third	98	77.5	66.8	71.8	78.8	83.5	91.7	2.81	9.80%
State Test Results - Math									
Average Student Proficiency	298	2.72	1.78	2.06	2.24	2.45	2.78	4.82	9.80%
 Percentage of Students at Level 3 or 4 	298	33.9%	0.0%	7.3%	12.8%	18.9%	28.2%	4.99	9.80%
Median Adjusted Growth Percentile	290	82.0	42.1	49.4	60.1	67.2	79.8	4.99	9.80%
 Median Adjusted Growth Percentile - School's Lowest Third 	99	84.0	57.4	64.1	73.7	80.2	91.7	4.33	9.80%
Core Course Pass Rates									
• ELA	302	95.4%	64.1%	74.3%	81.9%	90.4%	100.0%	4.52	1.96%
 Math 	302	94.7%	64.3%	74.5%	82.0%	90.4%	100.0%	4.45	1.96%
• Science	302	97.4%	65.9%	75.6%	82.8%	90.8%	100.0%	4.72	1.96%
Social Studies	302	95.0%	61.9%	72.7%	80.8%	89.8%	100.0%	4.51	1.96%
Percent of 8th Graders Earning HS Credit	100	30.0%	0.0%	9.2%	16.0%	23.6%	34.4%	4.59	3.92%
9th Grade Adjusted Credit Accumulation of Former 8th Graders	85	79.0%	60.0%	70.0%	78.0%	87.0%	98.0%	3.11	9.80%
								Weighted Average Score	4.02

		204447.01	5 1	204445	5		014-15 Target		,			
Closing the Achievement Gap (CtAG) Metrics	n	2014-15 School Population %	Population % of Range	2014-15 School Value	Bottom of Target Range	Approaching Target	Meeting Target	Exceeding Target	Top of Target Range	Metric Score	Extra Points Possible	Extra Points Earned
ELA - Percent at Level 3 or 4												
 Self-Contained 	35	11.7%	60.6%	0.0%	0.0%	0.4%	0.8%	1.3%	2.2%	1.00	0.030	0.000
Integrated Co-Teaching	34	11.4%	62.6%	8.8%	0.0%	1.6%	3.2%	5.1%	8.4%	4.99	0.030	0.030
SETSS	7	2.3%	24.7%	14.3%	0.0%	2.6%	5.2%	8.2%	13.6%		0.030	0.000
Math - Percent at Level 3 or 4												
Self-Contained	35	11.7%	61.9%	0.0%	0.0%	0.7%	1.4%	2.3%	3.8%	1.00	0.030	0.000
Integrated Co-Teaching	34	11.4%	63.0%	14.7%	0.0%	2.4%	4.8%	7.6%	12.6%	4.99	0.030	0.030
SETSS	7	2.3%	25.0%	42.9%	0.0%	3.3%	6.6%	10.4%	17.2%	4.99	0.030	0.030
ELA - Percent at 75th+ Growth Percentile												
ELL	60	20.6%	46.1%	33.3%	17.2%	27.0%	36.6%	47.8%	68.0%	2.66	0.030	0.012
Lowest Third Citywide	120	41.2%	51.7%	50.0%	31.5%	39.4%	47.2%	56.3%	72.7%	3.31	0.030	0.017
Black and Hispanic Males in Lowest Third Citywide	76	26.1%	58.4%	47.4%	29.6%	38.0%	46.2%	55.9%	73.2%	3.12	0.030	0.016
SC/ICT/SETSS	74	25.4%	60.8%	50.0%	35.0%	42.9%	50.8%	60.0%	76.4%	2.90	0.030	0.014
Math - Percent at 75th+ Growth Percentile												
ELL	60	20.7%	42.7%	56.7%	12.4%	22.8%	33.0%	45.0%	66.4%	4.55	0.030	0.027
Lowest Third Citywide	115	39.7%	48.6%	63.5%	24.4%	34.1%	43.7%	54.9%	75.0%	4.43	0.030	0.026
Black and Hispanic Males in Lowest Third Citywide	61	21.0%	47.2%	65.6%	24.1%	34.0%	43.7%	55.1%	75.5%	4.51	0.030	0.026
SC/ICT/SETSS	73	25.2%	61.5%	69.9%	25.8%	34.5%	43.0%	53.1%	71.0%	4.94	0.030	0.030
ELL Progress	33	10.8%	29.9%	21.2%	11.3%	22.8%	34.2%	47.5%	71.3%	1.86	0.030	0.006
										CtAG Add	ditional Points	0.26
									Ovei	rall Student Achie	vement Score	4.28

[•] 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).

2014-15 School Quality Reports

Framework Elements Scoring Appendix

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	Motric Value		*** * * * *
	Metric Value	Metric Score	Weight Pct
orous Instruction	Dunkisisus	2.40	220/
Quality Review 1.1	Proficient	3.40	22%
Quality Review 1.2	Developing Proficient	2.00 3.40	22% 22%
Quality Review 2.2 NYC School Survey - Rigorous Instruction	90%	3.40	34%
NTC SCHOOL SURVEY - RIGOTOUS INSTRUCTION	9 0%	5.72	34%
Section Rating: Meeting Target	Section Score:	3.20	
laborative Teachers			
Quality Review 4.2	Proficient	3.40	50%
NYC School Survey - Collaborative Teachers	88%	3.52	50%
Section Rating: Meeting Target	Section Score:	3.48	
pportive Environment			
Quality Review 3.4	Proficient	3.40	30%
NYC School Survey - Supportive Environment	87%	3.48	35%
Percentage of students with 90%+ attendance	·	-	
EMS	71.3%	3.08	
HS			
Overall	71.3%	3.08	30%
Movement of students with disabilities to less restrictive			
environments			
EMS	0.53	3.95	
HS			
Overall	0.53	3.95	5%
Section Rating: Meeting Target	Section Score:	3.36	
Section Ruting. Meeting ruiget	Section Score.	3.30	
ective School Leadership			
NYC School Survey - Effective School Leadership	88%	3.76	100%
Section Rating: Meeting Target	Section Score:	3.76	
ong Family-Community Ties			
NYC School Survey - Strong Family-Community Ties	79%	3.12	100%
Section Rating: Meeting Target	Section Score:	3.12	
St NVC School Survey - Trust	91%	3.76	100%
NYC School Survey - Trust	9170	5./0	100%
Section Rating: Meeting Target	Section Score:	3.76	



Framework Elements - Survey Scoring Appendix

				City Range			
		Survey % Positive	Bottom of Range	City Avg	Top of Range	Percent of Range	Score
igorous Instruction							
Common Core shifts in literacy	Teachers	97	79.4	91.4	100.0	0.85	4.40
Common Core shifts in math	Teachers	91	68.9	87.1	100.0	0.71	3.84
Course clarity	Students	91	81.3	89.7	98.1	0.59	3.36
Quality of student discussion	Teachers	80	53.2	78.4	100.0	0.57	3.28
ection Results:		90%					3.72
collaborative Teachers							
Cultural awareness:							
Cultural awareness	Teachers	93	84.5	94.1	100.0	0.54	
Cultural awareness	Parents	93	87.1	93.3	99.5	0.50	
Cultural awareness	Students	90	70.6	84.2	97.8	0.73	
Cultural awareness	Combined	92	70.0	01.2	37.0	0.59	3.36
Inclusive classroom instruction	Teachers	91	81.7	93.3	100.0	0.50	3.00
Quality of professional development	Teachers	73	54.0	77.4	100.0	0.41	2.64
School commitment	Teachers	90	59.7	84.3	100.0	0.75	4.00
Innovation	Teachers	83	65.8	85.2	100.0	0.49	2.96
Reflective dialogue	Teachers	96	86.6	95.8	100.0	0.75	4.00
Peer collaboration	Teachers	98	76.7	91.9	100.0	0.91	4.64
Focus on student learning	Teachers	93	68.4	88.4	100.0	0.79	4.16
Collective responsibility	Teachers	79	57.5	82.3	100.0	0.51	3.04
ection Results:		88%					3.52
upportive Environment Safety:							
Safety	Teachers						
Safety	Students	88	67.5	82.9	98.3	0.67	
Safety	Combined	88				0.67	3.68
Classroom behavior:							
Classroom behavior	Teachers						
Classroom behavior	Students	78	63.4	79.2	95.0	0.47	
Classroom behavior	Combined	78				0.47	2.88
Social-emotional measure	Teachers	100	84.7	95.3	100.0	1.00	4.99
Peer interactions	Students	81	67.5	80.7	93.9	0.50	3.00
Next-level guidance	Students	94	76.9	88.3	99.7	0.75	4.00
Press toward academic achievement:							
Press toward academic achievement	Teachers		00.6	00.0	0.7.0	0.00	
Press toward academic achievement	Students	90	80.6	88.2	95.8	0.60	
Press toward academic achievement	Combined	90				0.60	3.40
Personal attention and support	Students	87	74.1	85.5	96.9	0.57	3.28
Peer support for academic work:							
Peer support for academic work	Teachers		=0.0	62.6	100.0	2.50	
Peer support for academic work	Parents	89	76.8	88.6	100.0	0.52	
Peer support for academic work	Students	60	48.0	66.6	85.2	0.33	2.55
Peer support for academic work	Combined	75				0.42	2.68
ection Results:		87%					3.48

Framework Elements - Survey Scoring Appendix

		Survey % Positive	Bottom of Range	City Range City Avg	Top of Range	Percent of Range	Score
Effective School Leadership							
Effective School Leadership	Davanta	01	02.1	00.7	00.3	0.54	2.10
Inclusive principal leadership	Parents	91	82.1	90.7	99.3	0.54	3.16
Teacher influence	Teachers	75	34.5	67.1	99.7	0.62	3.48
Program coherence	Teachers	94	60.8	85.2	100.0	0.86	4.44
Principal instructional leadership	Teachers	91	67.2	88.0	100.0	0.74	3.96
Section Results:		88%					3.76
Chrone Femily Community Ties							
Strong Family Community Ties							
Teacher outreach to parents:							
Teacher outreach to parents	Teachers	94	79.9	92.5	100.0	0.70	
Teacher outreach to parents	Parents	90	81.6	90.6	99.6	0.50	
Teacher outreach to parents	Combined	92				0.60	3.40
Parent involvement in the schools	Parents	65	47.1	66.3	85.5	0.46	2.84
Section Results:		79%					3.12
Trust							
Parent-teacher trust	Parents	95	88.9	94.3	99.7	0.75	4.00
 Parent-principal trust 	Parents	96	88.6	94.8	100.0	0.75	4.00
Student-teacher trust	Students	77	69.2	82.0	94.8	0.31	2.24
 Teacher-principal trust 	Teachers	92	63.2	87.4	100.0	0.78	4.12
 Teacher-teacher trust 	Teachers	97	74.2	90.6	100.0	0.88	4.52
Section Results:		91%					3.76

Targets for 2015-16

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
State Test Results - ELA*					
Average Student Proficiency	2.36	2.24 or lower	2.25 to 2.32	2.33 to 2.38	2.39 or higher
Average Student Proficiency - School's Lowest Third	1.89	1.83 or lower	1.84 to 1.92	1.93 to 1.99	2.00 or higher
Percentage of Students at Level 3 or 4	18.5%	11.8% or lower	11.9% to 15.5%	15.6% to 18.5%	18.6% or higher
State Test Results - Math*					
Average Student Proficiency	2.72	2.17 or lower	2.18 to 2.30	2.31 to 2.40	2.41 or higher
Average Student Proficiency - School's Lowest Third	1.97	1.79 or lower	1.80 to 1.89	1.90 to 1.99	2.00 or higher
Percentage of Students at Level 3 or 4	33.9%	10.0% or lower	10.1% to 15.8%	15.9% to 20.4%	20.5% or higher
Core Course Pass Rates					
ELA	95.4%	77.9% or lower	78.0% to 83.1%	83.2% to 87.3%	87.4% or higher
Math	94.7%	79.4% or lower	79.5% to 84.2%	84.3% to 88.2%	88.3% or higher
Science	97.4%	80.6% or lower	80.7% to 85.1%	85.2% to 88.8%	88.9% or higher
Social Studies	95.0%	76.5% or lower	76.6% to 82.0%	82.1% to 86.5%	86.6% or higher
Percent of 8th Graders Earning HS Credit	30.0%	11.2% or lower	11.3% to 17.6%	17.7% to 22.8%	22.9% or higher
Oth Grade Adjusted Credit Accumulation of Former 8th Graders	79.0%	75.9% or lower	76.0% to 79.9%	80.0% to 83.9%	84.0% or higher
Closing the Achievement Gap Metrics*	2014-15		2015-16 Targets		
	School Value	Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target
ELA - Average Proficiency Rating					
Self-Contained	1.76	1.76 or lower	1.77 to 1.83	1.84 to 1.89	1.90 or higher
Integrated Co-Teaching	2.05	1.96 or lower	1.97 to 2.03	2.04 to 2.10	2.11 or higher
SETSS	2.25	1.99 or lower	2.00 to 2.11	2.12 to 2.20	2.21 or higher
ELL	2.08	1.97 or lower	1.98 to 2.09	2.10 to 2.18	2.19 or higher
Lowest Third Citywide	1.93	1.90 or lower	1.91 to 1.95	1.96 to 1.99	2.00 or higher
Black and Hispanic Males in Lowest Third Citywide	1.93	1.87 or lower	1.88 to 1.92	1.93 to 1.99	2.00 or higher
Math - Average Proficiency Rating					
Self-Contained	1.79	1.71 or lower	1.72 to 1.79	1.80 to 1.89	1.90 or higher
Integrated Co-Teaching	2.28	1.90 or lower	1.91 to 2.02	2.03 to 2.12	2.13 or higher
SETSS	3.14	1.97 or lower	1.98 to 2.13	2.14 to 2.25	2.26 or higher
ELL	2.25	1.98 or lower	1.99 to 2.14	2.15 to 2.27	2.28 or higher
Lowest Third Citywide	2.00	1.82 or lower	1.83 to 1.90	1.91 to 1.99	2.00 or higher
Black and Hispanic Males in Lowest Third Citywide	2.00	1.81 or lower	1.82 to 1.89	1.90 to 1.99	2.00 or higher
ELL Progress	21.2%	26.0% or lower	26.1% to 35.9%	36.0% to 43.9%	44.0% 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 <u>and</u> 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	2014-15 2015-16 Targets						
	School Value	Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target			
Percentage of Students with 90%+ Attendance	71.3%	63.8% or lower	63.9% to 69.6%	69.7% to 74.4%	74.5% or higher			
Movement of Students with Disabilities to Less Restrictive Environments	0.53	0.23 or lower	0.24 to 0.37	0.38 to 0.48	0.49 or higher			

^{*} If the participation in state tests is low, the targets may be adjusted to reflect the students at the school that actually take the tests.