Department of Education
Carmen Fariña, Chancellor

School Quality Guide

2013-2014

School: Archimedes Academy for Math, Science and Technology Applications

DBN: 08X367

Principal: Miriam Lazar

School Type: Middle

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School Overview

Grade	Enrollment		
	2011-2012	2012-2013	2013-2014
Grade 6	101	99	105
Grade 7	108	93	89
Grade 8	82	97	89
All Students	**291**	**289**	**283**

Student Population Characteristics	2011-2012	2012-2013	2013-2014
% English Language Learners	2%	1%	3%
% Students with IEPs	26%	24%	23%
% Students with IEPs (less than 20% time with non-disabled peers)	11%	10%	7%
% Free Lunch Eligible	72%	73%	73%
% Overage	-	3%	4%
% Asian	2%	3%	9%
% Black	37%	35%	33%
% Hispanic	59%	61%	57%
% White	1%	1%	1%
% Other	0%	0%	0%
Average Incoming ELA Proficiency (based on 4th grade)	-	2.82	2.48
Average Incoming Math Proficiency (based on 4th grade)	-	3.32	2.88

Quality Review

Dates of Review: November 13-14, 2013
Principal at Time of Review: Miriam Lazar

UNDERDEVELOPED	**DEVELOPING**	PROFICIENT	WELL DEVELOPED

Student Progress

NOT MEETING TARGET	**APPROACHING TARGET**	MEETING TARGET	EXCEEDING TARGET

Student Achievement

NOT MEETING TARGET	APPROACHING TARGET	**MEETING TARGET**	EXCEEDING TARGET

School Environment

NOT MEETING TARGET	**APPROACHING TARGET**	MEETING TARGET	EXCEEDING TARGET

Closing the Achievement Gap

NOT MEETING TARGET	**APPROACHING TARGET**	MEETING TARGET	EXCEEDING TARGET

State Accountability

The school's current status: **Focus**

This designation is determined by the New York State Department of Education under the Elementary and Secondary Education Act (ESEA) Flexibility Waiver. More information on New York State accountability can be found here: http://schools.nyc.gov/Accountability/tools/accountability/default.htm.

SPECIAL RECOGNITION

iZone 360

Quality Review

DEVELOPING 3

Dates of Review: November 13-14, 2013
Principal at Time of Review: Miriam Lazar
QR Lead Reviewer: Timothy Behr

The Quality Review is an evaluation of the school by an experienced educator based on a formal school visit. The educator observes classrooms and engages in conversations with parents, students, teachers, and school leaders to assess schoolwide practices. The Quality Review report provides specific feedback to support the school's efforts. The information displayed here reflects the most recent year that a Quality Review was conducted at this school. Some schools will not have Quality Review information if they opened within the last two years or if their most recent review took place prior to August 2010.

To what extent does the school...

1.1 *Ensure engaging, rigorous, and coherent curricula in all subjects, accessible for a variety of learners and aligned to Common Core Learning Standards and/or content standards?*

Excerpt: Ensure that curricula across content areas offers all students access to learning activities that cognitively engage them in rigorous tasks and discussions to extend their thinking.

DEVELOPING

1.2 *Develop teacher pedagogy from a coherent set of beliefs about how students learn best that is informed by the instructional shifts and Danielson Framework for Teaching, aligned to the curricula, engaging, and meets the needs of all learners so that all students produce meaningful work products?*

Excerpt: Establish consistency in teacher use of instructional strategies, learning activities, and student groupings in order to provide high levels of appropriate challenge for all students at all achievement levels.

DEVELOPING

2.2 *Align assessments to curricula, use on-going assessment and grading practices, and analyze information on student learning outcomes to adjust instructional decisions at the team and classroom levels?*

Excerpt: Refine the school's assessment system to enable teachers to know their individual students' needs, strengths, and achievement on an ongoing basis, to support consistent targeted instruction across all subject areas.

DEVELOPING

3.4 *Establish a culture for learning that communicates high expectations to staff, students, and families, and provide supports to achieve those expectations?*

Excerpt: The school conveys high expectations for learning by all staff and students and provides a supportive environment to maximize their learning.

PROFICIENT

4.2 *Engage in structured professional collaborations on teams using an inquiry approach that promotes shared leadership and focuses on improved student learning?*

Excerpt: N/A - This indicator was rated but not written about in the school's final report.

DEVELOPING

Quality Review - continued

DEVELOPING

Dates of Review: November 13-14, 2013
Principal at Time of Review: Miriam Lazar
QR Lead Reviewer: Timothy Behr

Areas of Celebration

- Structures for positive learning environment, inclusive culture, and student success
- A culture of learning that communicates high expectations with supports
- Support and evaluation of teachers through feedback using the Danielson framework and analysis of learning outcomes

Areas of Focus

- Curricula-aligned assessment practices that inform instruction
- Research-based, effective instruction that yields high quality student work
- Rigorous, engaging and coherent curricula aligned to the Common Core Learning Standards

How to Interpret the Graphs Used in the Remainder of the Report

Most of the metrics in the report are presented through two standard graphs, which are intended to help place the school's performance in context.

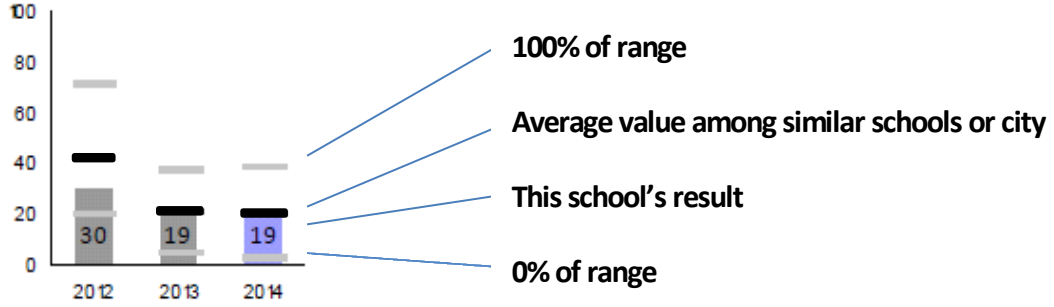
Graph Showing Metric Values

This graph shows the school's performance on each metric over the past three years, as well as the range of historical performance by peer schools and citywide schools used in the School Quality Guide (or Progress Report) for those three years. Peer schools for an elementary or K-8 school are similar along the following student population characteristics: Economic Need Index, percent of students with disabilities, percent of black or Hispanic students, and percent of English language learners. Peer schools for middle schools are similar along the following student population characteristics: students' average proficiency on 4th grade ELA and math tests, percent of students with disabilities, and percent of students two or more years overage upon entry into 6th grade. Peer schools for high schools are similar along the following student population characteristics: average 8th grade ELA proficiency, average 8th grade math proficiency, percent students with disabilities, percent students with self-contained placements, and percent over-age students.

- The vertical bars show the school's values on the metric for the last three years, with the school's numerical values (e.g., **30, 19, and 19** in the example below) displayed at the bottom of the bars. These bars can show trends over time in the school's own performance.

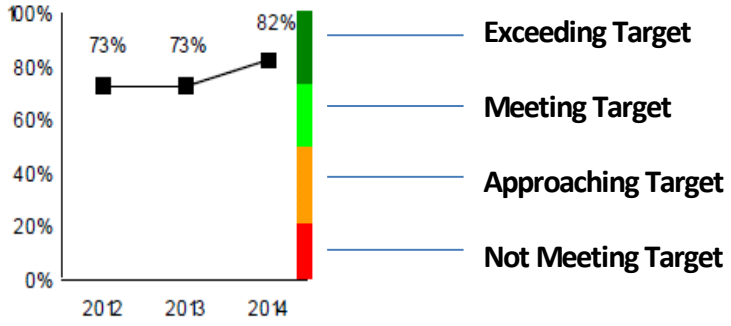
- Each year, the School Quality Guide compares the school's performance against multiple years of historical performance by peer and city schools. The middle horizontal line, in black, shows the average from this pool of historical performance by peer schools or the city, depending on which comparison group is being used. Comparing the top of the vertical bar with this black line shows whether the school is above or below the average of the pool of historical results achieved by the comparison group.

- The top and bottom horizontal lines, in gray, show the top and bottom of the "range" of historical values for the comparison group. The range spans two standard deviations above and below the average; in general, this range contains approximately 96% of the values attained by schools in the comparison group. The lower gray line shows the value at the bottom of the range for the comparison group and the higher gray line shows the value at the top of the range for the comparison group. The position of the vertical bar between the two gray lines shows visually where the school falls within the distribution of results achieved by the comparison group.



Graph Showing Percent of Range

This graph displays the "percent of range" of the school's values for the last three years. The percent of range reflects where the school's value falls between the bottom and top of the range. In mathematical terms, *percent of range = (school's value – bottom of range) / (top of range – bottom of range)*. The colors to the right of the chart display the ranges for the various ratings. The range for Exceeding Target is shown in dark green, Meeting Target is shown in light green, Approaching Target is shown in orange, and Not Meeting Target is shown in red.



Student Progress

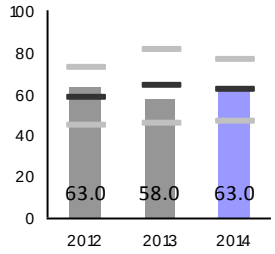
APPROACHING TARGET

Student Progress includes growth metrics based on how students improved on the state tests between 2013 and 2014.

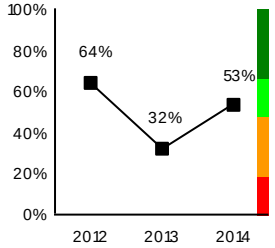
English Median Adjusted Growth Percentile (n=271)

This metric calculates the median adjusted growth percentile of a school's eligible students. A student's growth percentile compares his or her growth to the growth of all students in the City who started at the same level of proficiency the year before.

Peer

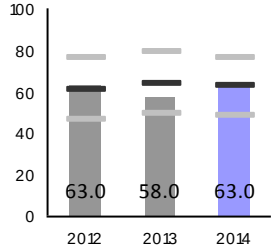


School and Peer Values

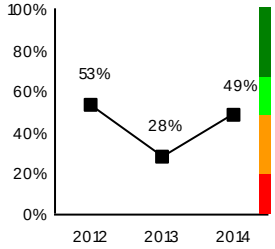


Percent of Peer Range

City



School and City Values

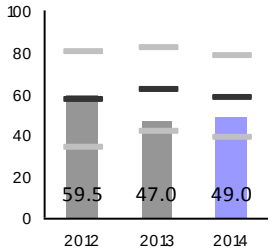


Percent of City Range

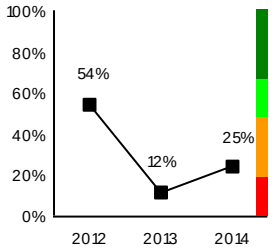
Math Median Adjusted Growth Percentile (n=272)

This metric calculates the median adjusted growth percentile of a school's eligible students. A student's growth percentile compares his or her growth to the growth of all students in the City who started at the same level of proficiency the year before.

Peer

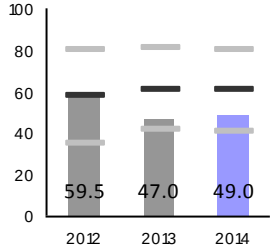


School and Peer Values

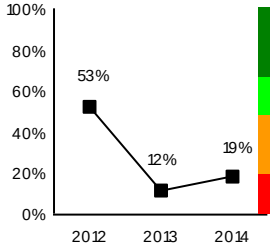


Percent of Peer Range

City



School and City Values

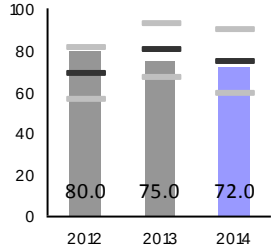


Percent of City Range

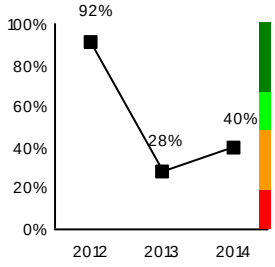
English Median Adjusted Growth Percentile - School's Lowest Third (n=93)

This metric calculates the median adjusted growth percentile of a school's lowest third of students in prior year English scores. A student's growth percentile compares his or her growth to the growth of all students in the City who started at the same level of proficiency the year before.

Peer

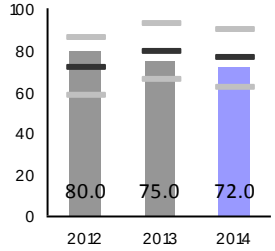


School and Peer Values

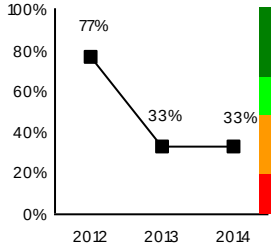


Percent of Peer Range

City



School and City Values

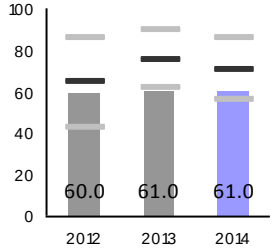


Percent of City Range

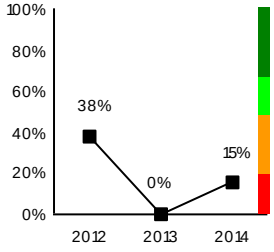
Math Median Adjusted Growth Percentile - School's Lowest Third (n=91)

This metric calculates the median adjusted growth percentile of a school's lowest third of students in prior year Math scores. A student's growth percentile compares his or her growth to the growth of all students in the City who started at the same level of proficiency the year before.

Peer

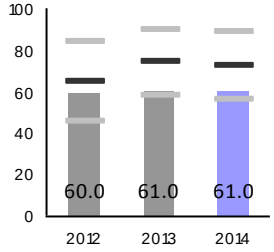


School and Peer Values

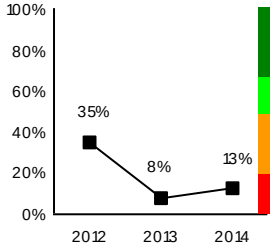


Percent of Peer Range

City



School and City Values



Percent of City Range

Student Achievement

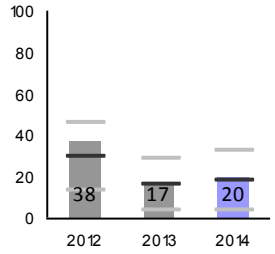
MEETING TARGET

Student Achievement is based on results on the 2014 state tests in English and Math, core course pass rates, and measures of next-level readiness.

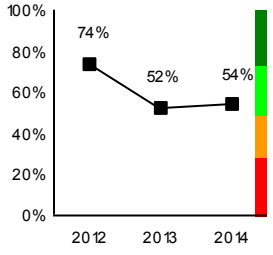
English - Percentage of Students at Level 3 or 4 (n=278)

This metric shows the percentage of students who are performing at or above proficiency as defined by New York State on Common Core ELA exams in the current year. This is the percentage of students at either Level 3 (proficient) or Level 4 (advanced).

Peer

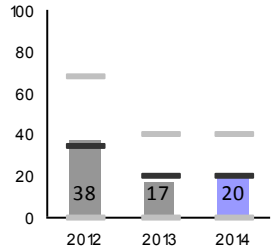


School and Peer Values

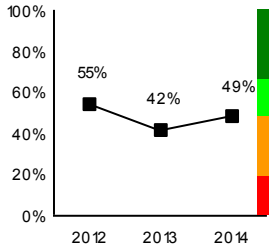


Percent of Peer Range

City



School and City Values

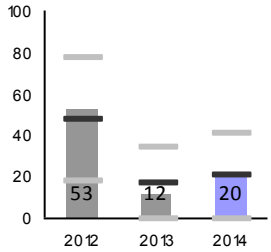


Percent of City Range

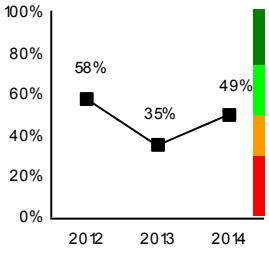
Math - Percentage of Students at Level 3 or 4 (n=279)

This metric shows the percentage of students who are performing at or above proficiency as defined by New York State on Common Core math exams in the current year. This is the percentage of students at either Level 3 (proficient) or Level 4 (advanced).

Peer

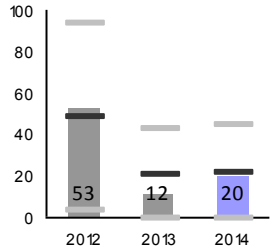


School and Peer Values

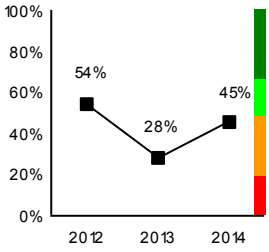


Percent of Peer Range

City



School and City Values

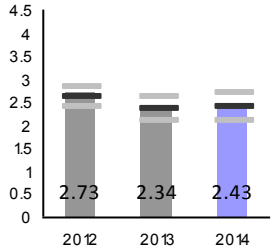


Percent of City Range

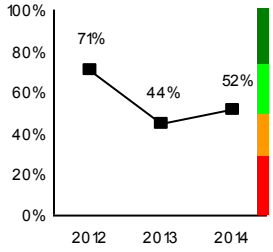
English - Average Student Proficiency (n=278)

This metric represents the average (mean) Proficiency Rating in ELA for all students attributed to the school. The Average Proficiency Rating is measured on a scale of 1.00 to 4.50, and is based on students' scale scores on the State exams in ELA.

Peer

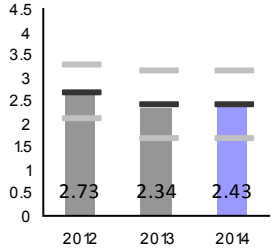


School and Peer Values

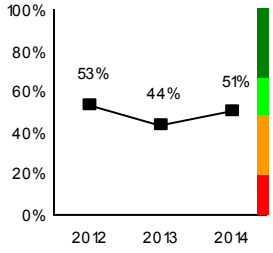


Percent of Peer Range

City



School and City Values

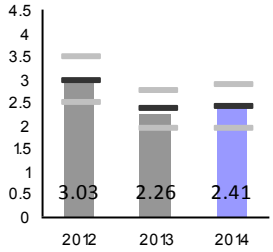


Percent of City Range

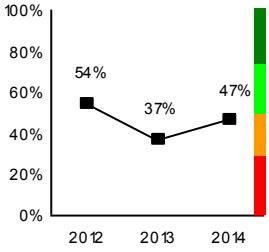
Math - Average Student Proficiency (n=279)

This metric represents the average (mean) Proficiency Rating in Math for all students attributed to the school. The Average Proficiency Rating is measured on a scale of 1.00 to 4.50, and is based on students' scale scores on the State exams in Math.

Peer

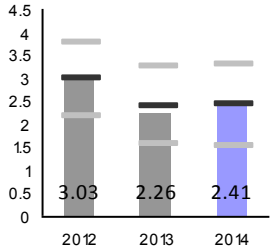


School and Peer Values

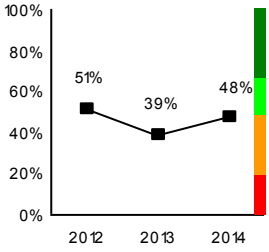


Percent of Peer Range

City



School and City Values



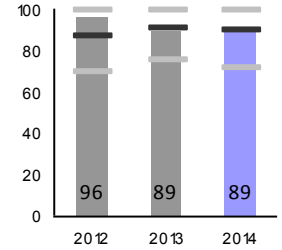
Percent of City Range

Student Achievement is based on results on the 2014 state tests in English and Math, core course pass rates, and measures of next-level readiness.

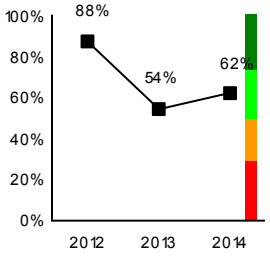
Percent of Students Passing an English Course (n=274)

This metric indicates the percentage of students in 6th through 8th grade who received a passing grade in a full year course in English.

Peer

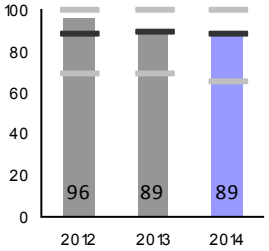


School and Peer Values

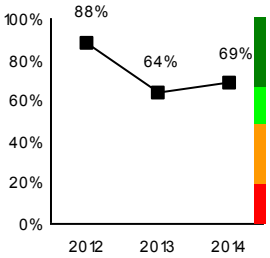


Percent of Peer Range

City



School and City Values

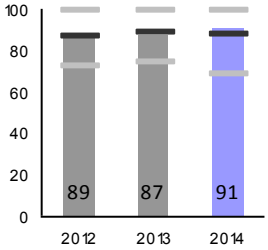


Percent of City Range

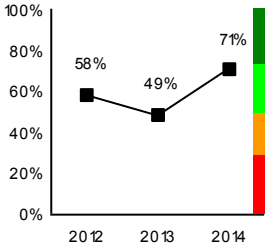
Percent of Students Passing a Math Course (n=274)

This metric indicates the percentage of students in 6th through 8th grade who received a passing grade in a full year course in Math.

Peer

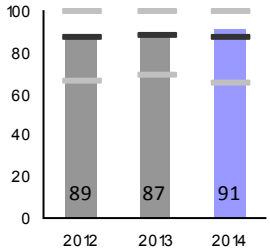


School and Peer Values

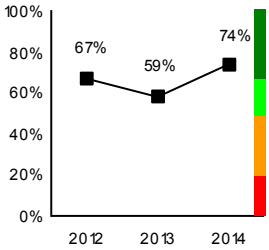


Percent of Peer Range

City



School and City Values

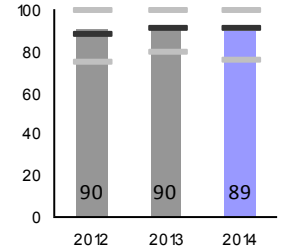


Percent of City Range

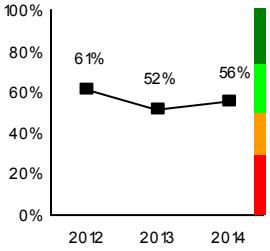
Percent of Students Passing a Science Course (n=274)

This metric indicates the percentage of students in 6th through 8th grade who received a passing grade in a full year course in Science.

Peer

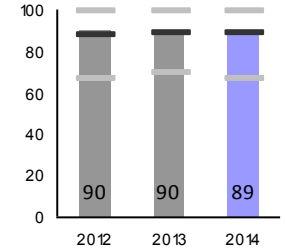


School and Peer Values

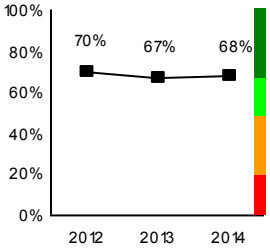


Percent of Peer Range

City



School and City Values

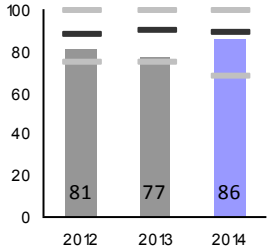


Percent of City Range

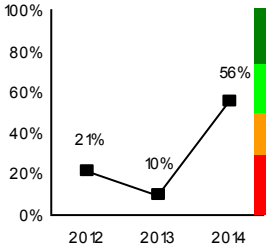
Percent of Students Passing a Social Studies Course (n=274)

This metric indicates the percentage of students in 6th through 8th grade who received a passing grade in a full year course in Social Studies.

Peer

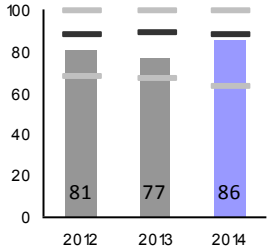


School and Peer Values

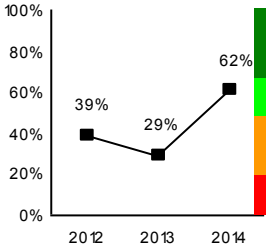


Percent of Peer Range

City



School and City Values



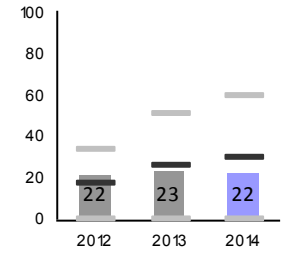
Percent of City Range

Student Achievement is based on results on the 2014 state tests in English and Math, core course pass rates, and measures of next-level readiness.

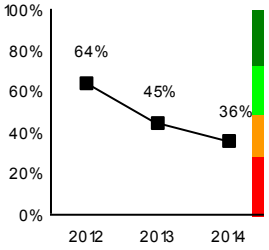
Percent of 8th Graders Earning High School Credit (n=87)

This metric indicates the percentage of students in 8th grade who have passed a high school level course and the related Regents exam by June of their 8th grade year.

Peer

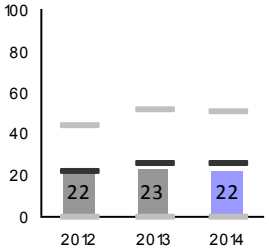


School and Peer Values

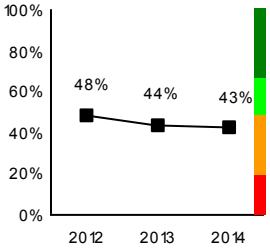


Percent of Peer Range

City



School and City Values

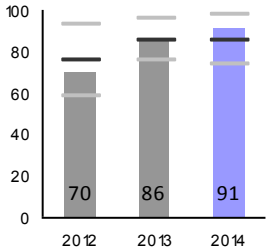


Percent of City Range

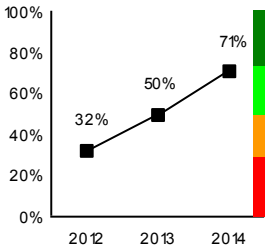
9th Grade Adjusted Credit Accumulation of Former 8th Graders (n=79)

This metric is based upon the credit accumulation of the school's 2012-13 8th graders who, in 2013-14, attended a NYC DOE high school.

Peer

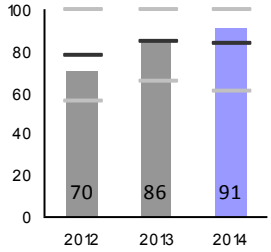


School and Peer Values

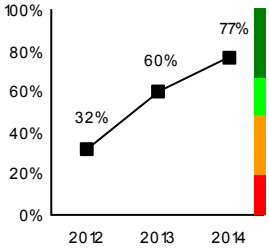


Percent of Peer Range

City



School and City Values



Percent of City Range

School Environment

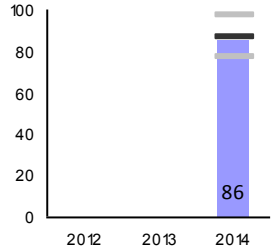
APPROACHING TARGET 10

The NYC School Survey is administered annually to all parents, all teachers, and students in grades 6–12. Through the survey, these members of school communities respond to questions that gauge their satisfaction with elements of the school's learning environment. In 2013–14 accountability reports, these responses were reorganized to broadly align to guiding concepts in the Quality Review rubric: the instructional core, school culture, and systems for improvement. Please note that this organization is designed to help school communities better interpret survey responses, but survey responses do not contribute to Quality Review ratings in these categories.

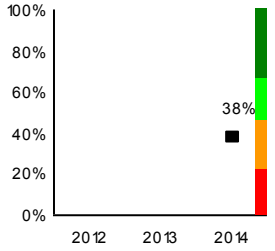
Survey Satisfaction - Instructional Core

This metric shows the average percent of positive responses to the NYC School Survey questions related to the school's instructional core.

Peer

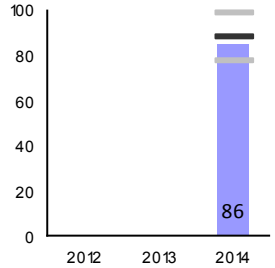


School and Peer Values

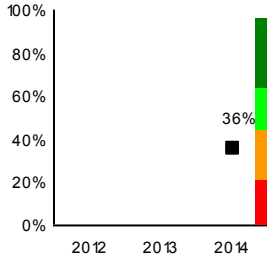


Percent of Peer Range

City



School and City Values

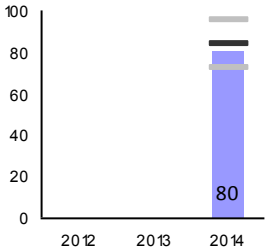


Percent of City Range

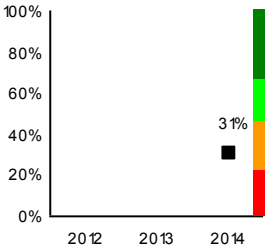
Survey Satisfaction - School Culture

This metric shows the average percent of positive responses to the NYC School Survey questions related to the school's culture.

Peer

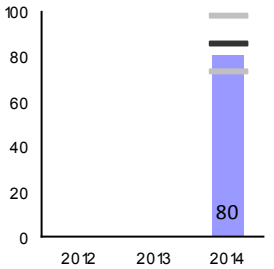


School and Peer Values

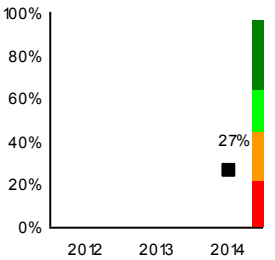


Percent of Peer Range

City



School and City Values

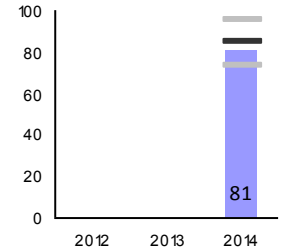


Percent of City Range

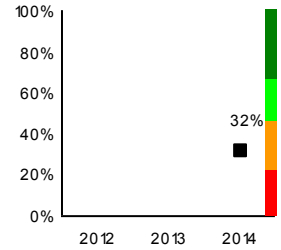
Survey Satisfaction - Systems for Improvement

This metric shows the average percent of positive responses to the NYC School Survey questions related to the school's systems for improvement.

Peer

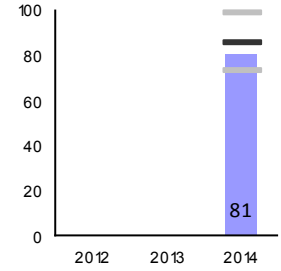


School and Peer Values

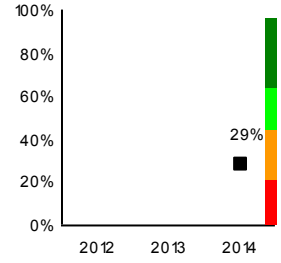


Percent of Peer Range

City



School and City Values

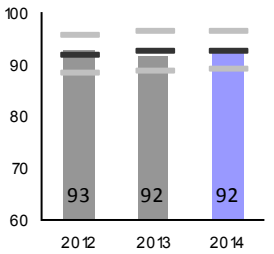


Percent of City Range

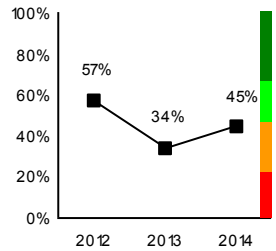
Attendance

The attendance rate includes the attendance for all K-8 students on a school's register at any point during the school year (September through June).

Peer

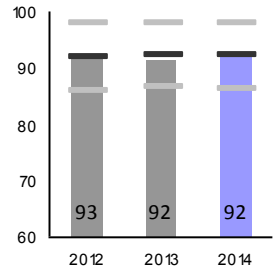


School and Peer Values

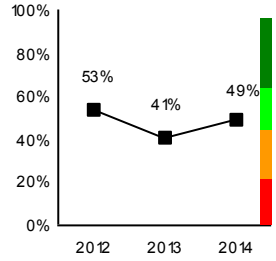


Percent of Peer Range

City



School and City Values



Percent of City Range

Closing the Achievement Gap

APPROACHING TARGET 11

Closing the Achievement Gap measures the extent to which the school serves and succeeds with students in special populations.

	2011-12		2012-13		2013-14	
	SCHOOL'S RESULTS	POPULATION PERCENTAGE	SCHOOL'S RESULTS	POPULATION PERCENTAGE	SCHOOL'S RESULTS	POPULATION PERCENTAGE
Percent at Level 3 or 4						
English						
Self-Contained (n = 20)	2.6%	13.8%	0.0%	12.4%	0.0%	7.2%
Integrated Co-Teaching (ICT) (n = 28)	14.8%	9.5%	3.6%	9.9%	3.6%	10.1%
Special Education Teacher Support Services (SETSS) (n = 10)	12.5%	2.8%	0.0%	3.5%	0.0%	3.6%
Mathematics						
Self-Contained (n = 21)	5.3%	13.4%	0.0%	12.4%	0.0%	7.5%
Integrated Co-Teaching (ICT) (n = 28)	18.5%	9.5%	7.1%	9.9%	3.6%	10.0%
Special Education Teacher Support Services (SETSS) (n = 10)	37.5%	2.8%	10.0%	3.5%	10.0%	3.6%
Percent at 75th Growth Percentile or Higher						
English						
English Language Learners (n = 25)	73.7%	7.1%	19.0%	7.6%	28.0%	9.2%
Lowest Third Citywide (n = 102)	54.9%	42.2%	51.6%	33.7%	46.1%	37.6%
Self-Contained/ICT/SETSS (n = 55)	58.6%	26.1%	55.7%	25.4%	49.1%	20.3%
Black and Hispanic Males in Lowest Third Citywide (n = 62)	55.4%	27.6%	57.6%	21.4%	50.0%	22.9%
Mathematics						
English Language Learners (n = 25)	26.3%	7.1%	15.0%	7.3%	8.0%	9.2%
Lowest Third Citywide (n = 86)	38.7%	35.0%	40.7%	29.7%	25.6%	31.6%
Self-Contained/ICT/SETSS (n = 56)	42.0%	25.9%	38.8%	24.5%	32.1%	20.6%
Black and Hispanic Males in Lowest Third Citywide (n = 50)	40.7%	20.3%	49.0%	17.9%	30.0%	18.4%
Movement from SC/ICT/SETSS to Less Restrictive Environments (n = 51)	0.46	24.4%	0.27	21.8%	0.73	18.0%
English Language Learner Progress (n = 9)			30.8%	4.5%	33.3%	3.2%

Summary of Section Ratings

This section shows how the ratings are calculated for the Student Progress, Student Achievement, School Environment, and Closing the Achievement Gap sections.

	This School's Results	Peer Comparison (weighted 75%)				City Comparison (weighted 25%)				Points Possible	Points Earned
		Peer Range			Percent of Peer Range	City Range			Percent of City Range		
		0%	Average	100%		0%	Average	100%			
Student Progress											
English Median Adjusted Growth Percentile (n = 271)	63.0	47.4	62.1	76.8	53.1%	49.4	63.4	77.4	48.6%	25.0	13.0
Math Median Adjusted Growth Percentile (n = 272)	49.0	39.3	59.0	78.7	24.6%	41.7	61.3	80.9	18.6%	25.0	5.8
English Median Adjusted Growth Percentile - School's Lowest Third (n = 93)	72.0	59.9	75.2	90.5	39.5%	62.7	76.7	90.7	33.2%	25.0	9.5
Math Median Adjusted Growth Percentile - School's Lowest Third (n = 91)	61.0	56.4	71.4	86.4	15.3%	56.8	73.1	89.4	12.9%	25.0	3.7

Student Progress Section Rating			
Not Meeting Target 19.4 or Lower	Approaching Target 19.5 to 47.7	Meeting Target 47.8 to 66.5	Exceeding Target 66.6 or Higher

32.0

Student Achievement											
English - Percentage of Students at Level 3 or 4 (n = 278)	19.8%	4.2%	18.6%	33.0%	54.2%	0.0%	20.3%	40.6%	48.8%	19.0	10.0
Math - Percentage of Students at Level 3 or 4 (n = 279)	20.4%	0.0%	20.7%	41.4%	49.3%	0.0%	22.5%	45.0%	45.3%	19.0	9.2
English - Average Student Proficiency (n = 278)	2.43	2.12	2.42	2.72	51.7%	1.68	2.42	3.16	50.7%	19.0	9.8
Math - Average Student Proficiency (n = 279)	2.41	1.96	2.44	2.92	46.9%	1.57	2.45	3.33	47.7%	19.0	8.9
Percent of Students Passing an English Course (n = 274)	89.4%	72.1%	90.4%	100.0%	62.0%	65.4%	88.8%	100.0%	69.4%	4.0	2.6
Percent of Students Passing a Math Course (n = 274)	90.9%	69.1%	88.5%	100.0%	70.6%	65.6%	87.7%	100.0%	73.5%	4.0	2.9
Percent of Students Passing a Science Course (n = 274)	89.4%	76.0%	91.8%	100.0%	55.8%	67.4%	89.1%	100.0%	67.5%	4.0	2.3
Percent of Students Passing a Social Studies Course (n = 274)	85.8%	68.0%	89.6%	100.0%	55.6%	63.1%	88.3%	100.0%	61.5%	4.0	2.3
Percent of 8th Graders Earning High School Credit (n = 87)	21.8%	0.0%	30.0%	60.0%	36.3%	0.0%	25.6%	51.2%	42.6%	4.0	1.5
9th Grade Adjusted Credit Accumulation of Former 8th Graders (n = 79)	91.0%	74.0%	86.0%	98.0%	70.8%	61.0%	84.0%	100.0%	76.9%	4.0	2.9

Student Achievement Section Rating			
Not Meeting Target 28.3 or Lower	Approaching Target 28.4 to 49.4	Meeting Target 49.5 to 73.0	Exceeding Target 73.1 or Higher

52.4

School Environment											
School Survey - Instructional Core	85.5%	78.1%	87.9%	97.7%	37.8%	77.7%	88.6%	99.5%	35.8%	22.2	8.3
School Survey - School Culture	80.3%	73.3%	84.7%	96.1%	30.7%	73.8%	85.9%	98.0%	26.9%	22.2	6.6
School Survey - Structures for Improvement	81.1%	73.8%	85.1%	96.4%	32.3%	73.7%	86.4%	99.1%	29.1%	22.2	7.0
Attendance Rate	92.4%	89.1%	92.8%	96.5%	44.6%	86.6%	92.5%	98.4%	49.2%	33.3	15.2

School Environment Section Rating			
Not Meeting Target 22.0 or Lower	Approaching Target 22.1 to 46.4	Meeting Target 46.5 to 66.7	Exceeding Target 66.8 or Higher

37.1

This section shows how the ratings are calculated for the Student Progress, Student Achievement, School Environment, and Closing the Achievement Gap sections.

	This School's Population Percentage	This School's Population Percentage (Percent of City Range)	This School's Results	This School's Results (Percent of City Range)
Closing the Achievement Gap				
Percent at Level 3 or 4				
English				
Self-Contained (n = 20)	7.2%	34.4%	0.0%	0.0%
Integrated Co-Teaching (ICT) (n = 28)	10.1%	54.6%	3.6%	42.9%
Special Education Teacher Support Services (SETSS) (n = 10)	3.6%	35.3%	0.0%	0.0%
Mathematics				
Self-Contained (n = 21)	7.5%	36.1%	0.0%	0.0%
Integrated Co-Teaching (ICT) (n = 28)	10.0%	54.3%	3.6%	28.6%
Special Education Teacher Support Services (SETSS) (n = 10)	3.6%	35.6%	10.0%	58.1%
Percent at 75th Growth Percentile or Higher				
English				
English Language Learners (n = 25)	9.2%	19.7%	28.0%	
Lowest Third Citywide (n = 102)	37.6%	45.7%	46.1%	35.4%
Self-Contained/ICT/SETSS (n = 55)	20.3%	46.9%	49.1%	34.1%
Black and Hispanic Males in Lowest Third Citywide (n = 62)	22.9%	46.8%	50.0%	46.8%
Mathematics				
English Language Learners (n = 25)	9.2%	18.1%	8.0%	
Lowest Third Citywide (n = 86)	31.6%	37.7%	25.6%	2.4%
Self-Contained/ICT/SETSS (n = 56)	20.6%	48.5%	32.1%	13.9%
Black and Hispanic Males in Lowest Third Citywide (n = 50)	18.4%	37.6%	30.0%	11.5%
Movement from SC/ICT/SETSS to Less Restrictive Environments (n = 51)	18.0%	53.8%	0.73	81.1%
English Language Learner Progress (n = 9)	3.2%	8.8%	33.3%	
			Average of Results (Percent of City Range)	**27.3**

Closing the Achievement Gap			
Not Meeting Target 19.1 or Lower	Approaching Target 19.2 to 38.0	Meeting Target 38.1 to 60.2	Exceeding Target 60.3 or Higher

This Closing the Achievement Gap section reflects the degree to which the school is helping high-need students succeed. In some cases, schools will not receive a rating in this section because those students make up a very small proportion of the school's student population.

The metric values, listed as "This School's Results," show the school's results with its students in the relevant group. The metric scores, listed as "This School's Results (Percent of City Range)," show how the school's results compared to the rest of the city. A metric will not be scored, however, if those students are a very small proportion of the school—specifically, if "This School's Population Percentage (Percent of City Range)" is less than 25.0% (meaning that the school's population percentage is more than one standard deviation below the citywide average). For these unscored metrics, "This School's Results (Percent of City Range)" will be left blank.

The section score is the average of the school's metric scores, and the section rating is determined by the range that the score falls within, which will be shaded in the ratings table above. A school will not receive a rating, however, if it has fewer than five scored metrics in this section.

This page provides more granular data on student outcomes. While the numbers here do not individually count for points, the detailed deconstruction should provide deeper insight into 2013–14 student outcomes.

State Exam Scores by Grade

	AVERAGE STUDENT PROFICIENCY	PERCENTAGE OF STUDENTS AT LEVEL 3 OR LEVEL 4	MEDIAN ADJUSTED GROWTH PERCENTILE
Mathematics			
6th Grade (n = 103)	2.48	27.2%	43.0
7th Grade (n = 89)	2.30	13.5%	48.0
8th Grade (n = 87)	2.42	19.5%	59.0
English			
6th Grade (n = 103)	2.33	13.6%	41.0
7th Grade (n = 89)	2.46	22.5%	80.0
8th Grade (n = 86)	2.50	24.4%	64.0
Science			
8th Grade (n = 82)	3.49	79.3%	.

Chronic Absenteeism

	PERCENTAGE OF STUDENTS SCHOOLWIDE	AVERAGE OF SCHOOLS CITYWIDE
Students With Less Than 90% Attendance (n = 286)	25.5%	23.4%

High School Readiness Indicators

% of 8th Graders Earning High School Credit

FORMULA:	(% taking accelerated courses) X (	% taking accelerated courses who passed) =	% EARNING HIGH SCHOOL CREDIT
ALL SUBJECTS:	21.8%	100.0%	.
MATHEMATICS:	0.0%	.	0.0%
SCIENCE:	21.8%	100.0%	21.8%
LANGUAGE OTHER THAN ENGLISH:	0.0%	.	0.0%

Long-Term Growth Percentile

	THIS SCHOOL'S RESULTS	PEER AVERAGE	CITY AVERAGE
English (n = 85)	58.0	58.6	61.1
Mathematics (n = 85)	45.0	54.3	58.9

Peer Group Schools

Each school's performance is compared to the performance of schools in its peer group. Peer schools are those New York City public schools with a student population most like this school's population, according to the peering characteristics. Each school has up to 40 peer schools (except for K-8 schools, which have up to 30 peer schools).

Peer groupings are created using a matching methodology that examines the mathematical difference between a school and all potential peers on the peering characteristics. Schools with the smallest difference across all the characteristics are peered together.

DBN	SCHOOL	AVERAGE ENGLISH PROFICIENCY	AVERAGE MATH PROFICIENCY	% STUDENTS WITH DISABILITIES	% OVERAGE
08X367	**Archimedes Academy for Math, Science and Technology Ap**	**2.48**	**2.88**	**22.6%**	**3.5%**
01M839	Tompkins Square Middle School	2.67	2.95	26.8%	2.4%
02M131	M.S. 131	2.40	2.97	22.7%	2.5%
04M825	Isaac Newton Middle School for Math & Science	2.40	2.66	24.7%	4.3%
07X223	M.S. 223 The Laboratory School of Finance and Technology	2.64	2.92	19.4%	2.9%
07X500	Hostos-Lincoln Academy of Science	2.60	2.79	18.0%	2.6%
08X125	J.H.S. 125 Henry Hudson	2.37	2.59	21.4%	3.9%
08X371	Urban Institute of Mathematics	2.59	2.93	23.1%	2.1%
08X376	Antonia Pantoja Preparatory Academy: A College Board Scho	2.43	2.72	25.5%	4.8%
08X562	Blueprint Middle School	2.31	2.58	24.4%	4.5%
09X327	Comprehensive Model School Project M.S. 327	2.41	2.63	20.8%	3.1%
09X505	Bronx School for Law, Government and Justice	2.57	2.79	18.3%	1.8%
10X045	Thomas C. Giordano Middle School 45	2.47	2.74	21.2%	5.8%
10X118	J.H.S. 118 William W. Niles	2.72	2.96	19.5%	4.3%
10X225	Theatre Arts Production Company School	2.44	2.67	26.6%	3.4%
11X181	I.S. 181 Pablo Casals	2.63	2.83	20.2%	0.8%
11X468	Pelham Academy of Academics and Community Engagement	2.49	2.72	20.9%	2.2%
12X242	Mott Hall V	2.35	2.64	21.8%	3.3%
12X316	Kappa III	2.46	2.62	20.1%	3.0%
13K113	M.S. 113 Ronald Edmonds Learning Center	2.46	2.61	20.6%	3.8%
13K527	Urban Assembly Institute of Math and Science for Young Wo	2.56	2.82	18.8%	1.3%
13K691	Fort Greene Preparatory Academy	2.40	2.58	21.8%	1.9%
14K614	Young Women's Leadership School of Brooklyn	2.64	2.79	18.8%	3.8%
15K088	J.H.S. 088 Peter Rouget	2.45	2.69	25.1%	1.0%
15K821	Sunset Park Prep	2.58	2.88	20.5%	1.1%
16K393	Frederick Douglass Academy IV Secondary School	2.41	2.64	24.1%	3.4%
21K096	I.S. 096 Seth Low	2.45	2.74	21.4%	3.0%
21K303	I.S. 303 Herbert S. Eisenberg	2.53	2.82	17.7%	1.4%
21K468	Kingsborough Early College School	2.63	2.90	18.6%	3.2%
22K078	J.H.S. 078 Roy H. Mann	2.40	2.57	21.9%	2.7%
22K381	I. S. 381	2.56	2.79	17.9%	1.6%
23K644	Eagle Academy for Young Men II	2.49	2.65	26.8%	5.2%
25Q250	I.S. 250 The Robert F. Kennedy Community Middle School	2.50	2.74	20.7%	3.0%
27Q226	J.H.S. 226 Virgil I. Grissom	2.43	2.64	19.9%	5.3%
29Q289	Queens United Middle School	2.43	2.41	20.0%	3.8%
30Q204	I.S. 204 Oliver W. Holmes	2.41	2.69	20.0%	4.3%
31R002	I.S. R002 George L. Egbert	2.62	2.96	23.0%	0.6%
31R027	I.S. 027 Anning S. Prall	2.61	2.86	25.0%	2.3%
84K757	Unity Prep Charter School	2.45	2.53	21.6%	3.6%
84M202	Great Oaks Charter School	2.58	2.80	22.5%	1.1%
84X177	Mott Hall Charter School	2.39	2.54	24.3%	2.7%
PEER GROUP AVERAGES		2.50	2.74	21.7%	3.0%

Metric Targets for 2014-15

The previous pages in this report have shown the school's performance in 2013-14 and earlier. In contrast, this page is forward looking and shows targets connected to the category ratings for the 2014-15 school year.

	This School's 2013-14 Result	2014-15 Metric Values Needed for Each Rating			
		Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target
Student Progress					
English Median Adjusted Growth Percentile	63.0	53.5 or lower	53.6 to 61.7	61.8 to 67.2	67.3 or higher
Math Median Adjusted Growth Percentile	49.0	47.5 or lower	47.6 to 58.6	58.7 to 66.0	66.1 or higher
English Median Adjusted Growth Percentile - School's Lowest Third	72.0	66.4 or lower	66.5 to 74.8	74.9 to 80.5	80.6 or higher
Math Median Adjusted Growth Percentile - School's Lowest Third	61.0	62.4 or lower	62.5 to 71.0	71.1 to 76.8	76.9 or higher
Student Achievement					
English - Percentage of Students at Level 3 or 4	19.8%	12.1% or lower	12.2% to 18.7%	18.8% to 26.0%	26.1% or higher
Math - Percentage of Students at Level 3 or 4	20.4%	11.9% or lower	12.0% to 20.8%	20.9% to 30.8%	30.9% or higher
English - Average Student Proficiency	2.43	2.26 or lower	2.27 to 2.41	2.42 to 2.57	2.58 or higher
Math - Average Student Proficiency	2.41	2.20 or lower	2.21 to 2.43	2.44 to 2.68	2.69 or higher
Percent of Students Passing an English Course	89.4%	78.9% or lower	79.0% to 85.1%	85.2% to 92.0%	92.1% or higher
Percent of Students Passing a Math Course	90.9%	77.2% or lower	77.3% to 83.9%	84.0% to 91.4%	91.5% or higher
Percent of Students Passing a Science Course	89.4%	81.5% or lower	81.6% to 86.9%	87.0% to 93.0%	93.1% or higher
Percent of Students Passing a Social Studies Course	85.8%	76.2% or lower	76.3% to 83.2%	83.3% to 91.0%	91.1% or higher
Percent of 8th Graders Earning High School Credit	21.8%	16.2% or lower	16.3% to 28.4%	28.5% to 42.0%	42.1% or higher
9th Grade Adjusted Credit Accumulation of Former 8th Graders	91.0%	78.9% or lower	79.0% to 84.9%	85.0% to 90.9%	91.0% or higher
School Environment					
School Survey - Instructional Core	85.5%	82.4% or lower	82.5% to 87.3%	87.4% to 91.3%	91.4% or higher
School Survey - School Culture	80.3%	78.4% or lower	78.5% to 84.1%	84.2% to 88.8%	88.9% or higher
School Survey - Structures for Improvement	81.1%	78.8% or lower	78.9% to 84.5%	84.6% to 89.2%	89.3% or higher
Attendance Rate	92.4%	90.4% or lower	90.5% to 92.4%	92.5% to 94.0%	94.1% or higher

The previous pages in this report have shown the school's performance in 2013-14 and earlier. In contrast, this page is forward looking and shows targets connected to the category ratings for the 2014-15 school year.

	This School's 2013-14 Result	2014-15 Metric Values Needed for Each Rating			
		Not Meeting Target	Approaching Target	Meeting Target	Exceeding Target
Closing the Achievement Gap					
Percent at Level 3 or 4					
English					
Self-Contained	0.0%	0.3% or lower	0.4% to 0.7%	0.8% to 1.2%	1.3% or higher
Integrated Co-Teaching (ICT)	3.6%	1.5% or lower	1.6% to 3.1%	3.2% to 5.0%	5.1% or higher
Special Education Teacher Support Services (SETSS)	0.0%	2.5% or lower	2.6% to 5.1%	5.2% to 8.1%	8.2% or higher
Mathematics					
Self-Contained	0.0%	0.6% or lower	0.7% to 1.3%	1.4% to 2.2%	2.3% or higher
Integrated Co-Teaching (ICT)	3.6%	2.3% or lower	2.4% to 4.7%	4.8% to 7.5%	7.6% or higher
Special Education Teacher Support Services (SETSS)	10.0%	3.2% or lower	3.3% to 6.5%	6.6% to 10.3%	10.4% or higher
Percent at 75th Growth Percentile or Higher					
English					
English Language Learners	28.0%	26.9% or lower	27.0% to 36.5%	36.6% to 47.7%	47.8% or higher
Lowest Third Citywide	46.1%	39.3% or lower	39.4% to 47.1%	47.2% to 56.2%	56.3% or higher
Self-Contained/ICT/SETSS	49.1%	42.8% or lower	42.9% to 50.7%	50.8% to 59.9%	60.0% or higher
Black and Hispanic Males in Lowest Third Citywide	50.0%	37.9% or lower	38.0% to 46.1%	46.2% to 55.8%	55.9% or higher
Mathematics					
English Language Learners	8.0%	22.7% or lower	22.8% to 32.9%	33.0% to 44.9%	45.0% or higher
Lowest Third Citywide	25.6%	34.0% or lower	34.1% to 43.6%	43.7% to 54.8%	54.9% or higher
Self-Contained/ICT/SETSS	32.1%	34.4% or lower	34.5% to 42.9%	43.0% to 53.0%	53.1% or higher
Black and Hispanic Males in Lowest Third Citywide	30.0%	33.9% or lower	34.0% to 43.6%	43.7% to 55.0%	55.1% or higher
Movement from SC/ICT/SETSS to Less Restrictive Environments	0.73	0.16 or lower	0.17 to 0.33	0.34 to 0.53	0.54 or higher
English Language Learner Progress	33.3%	22.7% or lower	22.8% to 34.1%	34.2% to 47.4%	47.5% or higher