

<b>M.S. 45/S.T.A.R.S. Prep Academy</b>				<b>PROGRESS REPORT</b>				<b>QUALITY REVIEW</b>																			
PRINCIPAL: Alexa Sorden DBN: 04M045 ENROLLMENT: 142 SCHOOL TYPE: Middle				<b>NA</b>	<b>NA</b>	out of 100	OVERALL PERCENTILE RANK	This school's overall score is greater than or equal to that of percent of Middle schools.	<b>P</b>																		
PERCENTILES AND GRADES FOR PREVIOUS YEARS							<b>NA</b>																				
KEY DEMOGRAPHIC INDICATORS <table border="1"> <thead> <tr> <th>%BLACK OR HISPANIC</th> <th>%ELL</th> <th>%IEP</th> <th>ECONOMIC NEED INDEX</th> </tr> </thead> <tbody> <tr> <td>93.7%</td> <td>22.5%</td> <td>31.0%</td> <td>1.13</td> </tr> </tbody> </table>				%BLACK OR HISPANIC	%ELL	%IEP	ECONOMIC NEED INDEX	93.7%	22.5%	31.0%	1.13	For elementary, middle, and K-8 schools, the percent of schools receiving top grades was set in advance. Schools with average English and Math performance in the top third citywide cannot receive a grade lower than a C. Schools in their first year, in phase out, or with fewer than 25 students with progress results receive a report with no grade or score.				Proficient (2009-10) The rating is based on three major categories of school performance: instruction that prepares students for college and careers, school organization and management, and quality of the learning environment.											
%BLACK OR HISPANIC	%ELL	%IEP	ECONOMIC NEED INDEX																								
93.7%	22.5%	31.0%	1.13																								
				Progress Report Grades - Middle <table border="1"> <thead> <tr> <th>GRADE</th> <th>SCORE RANGE</th> <th>% OF SCHOOLS</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>or higher</td> <td>26% of schools</td> </tr> <tr> <td>B</td> <td>-</td> <td>36% of schools</td> </tr> <tr> <td>C</td> <td>-</td> <td>31% of schools</td> </tr> <tr> <td>D</td> <td>-</td> <td>5% of schools</td> </tr> <tr> <td>F</td> <td>or lower</td> <td>2% of schools</td> </tr> </tbody> </table>				GRADE	SCORE RANGE	% OF SCHOOLS	A	or higher	26% of schools	B	-	36% of schools	C	-	31% of schools	D	-	5% of schools	F	or lower	2% of schools	A school that receives a Proficient rating typically demonstrates solid teaching and learning practices, effective school management, and a quality learning environment. For more information, see: <a href="http://schools.nyc.gov/Accountability/tools/review">http://schools.nyc.gov/Accountability/tools/review</a>	
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**Overview** Each school's Progress Report (1) measures the student year-to-year progress, (2) compares the school to peer schools, and (3) rewards success in moving all children forward, especially children with the greatest needs.

CATEGORY	SCORE	GRADE	DESCRIPTION
<b>Student Progress</b>	out of 60		Student Progress measures how much individual students improved on state tests in English and Math between 2012 and 2013, compared to other students who started at the same level.
<b>Student Performance</b>	out of 25		Student Performance measures student results on the 2013 state tests in English and Math.
<b>School Environment</b>	out of 15		School Environment measures student attendance and a survey of the school community rating academic expectations, safety and respect, communication, and engagement.
<b>Closing the Achievement Gap</b>	out of 17		Schools receive additional credit for exceptional gains by students with disabilities, English Language Learners, and students starting with the lowest proficiency citywide.
<b>Overall Score</b>	out of 100		The overall grade is based on the total of all scores above. Category scores may not add up to total score because of rounding.

\*During the 2012-13 school year, New York City public schools were affected by Hurricane Sandy. Adjustments have been made to attendance rates for all schools.

### Progress Report Implications

Strong Progress Report results are the basis for recognition and potential rewards for school leaders, and poor results are an important factor in determining whether schools require intensive support or intervention. For more information, see:

<http://schools.nyc.gov/community/planning/Support+and+Intervention.htm>

<http://schools.nyc.gov/ProgressReport>

### State Accountability

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

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>

Student Progress represents 60% of the total score. The grade is based on growth percentiles, a measure of how much individual students improved on state tests in English and Math between 2012 and 2013.

GRADE	SCORE RANGE
A	or higher
B	
C	
D	
F	or lower

(out of 60)

	THIS SCHOOL'S RESULTS	COMPARISON TO PEER SCHOOLS (WEIGHTED 75%)	PERCENT OF PEER RANGE	COMPARISON TO CITY SCHOOLS (WEIGHTED 25%)	PERCENT OF CITY RANGE	POINTS POSSIBLE	POINTS EARNED
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**English**

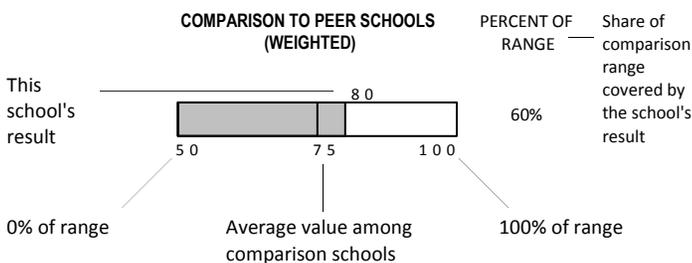
Median Adjusted Growth Percentile (n=125)	77.0		91.9%	.	.		
Median Adjusted Growth Percentile for School's Lowest Third (n=44)	95.5		100.0%	.	.		

**Mathematics**

Median Adjusted Growth Percentile (n=131)	79.0		93.8%	.	.		
Median Adjusted Growth Percentile for School's Lowest Third (n=47)	87.0		88.5%	.	.		

**How To Interpret These Charts**

To determine the number of points earned, this school's 2012-13 results on each metric are compared to the results of peer schools and all schools serving the same grade levels citywide. The comparison to peer schools is worth 75% of the points for each metric and the comparison to all schools citywide is worth 25% of the points. The bars represent the range of results for the peer and city comparison schools that are within two standard deviations of the average. The percent of the range that is shaded is the school's share of possible points. The share is multiplied by the weight (75% or 25%) and the possible points for the metric to determine the points earned.



**Score Calculation Example**

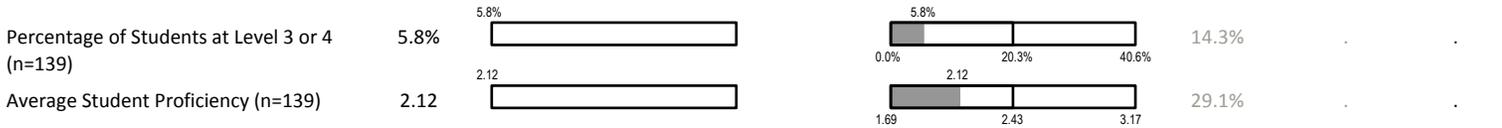
FORMULA (  $\frac{\text{PERCENT OF PEER RANGE}}{100} \times 0.75 + \frac{\text{PERCENT OF CITY RANGE}}{100} \times 0.25$  ) X POINTS POSSIBLE = POINTS EARNED

EXAMPLE (  $60 \times 0.75 + 80 \times 0.25$  ) X 3.75 = 2.44

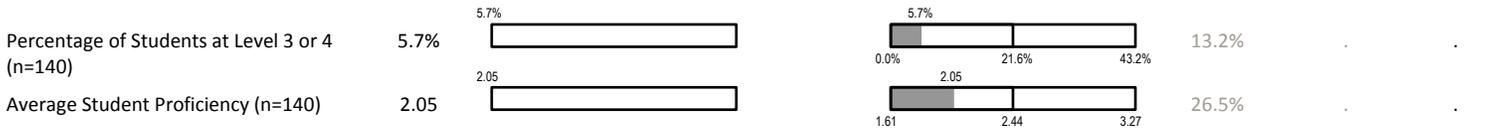
GRADE	GRADE	SCORE RANGE	Student Performance represents 25% of the total score. The Student Performance grade is based on results on the 2013 state tests in English and Math and core course pass rates. State test metrics evaluate the percent of students who reach or exceed proficiency (Level 3 and 4) and students' average proficiency rating. Core course pass rates look at the percent of students in 6th through 8th grade who passed a course in a core subject area.
SCORE (out of 25)	A	or higher	
	B		
	C		
	D		
	F	or lower	

	THIS SCHOOL'S RESULTS	COMPARISON TO PEER SCHOOLS (WEIGHTED 75%)	PERCENT OF PEER RANGE	COMPARISON TO CITY SCHOOLS (WEIGHTED 25%)	PERCENT OF CITY RANGE	POINTS POSSIBLE	POINTS EARNED
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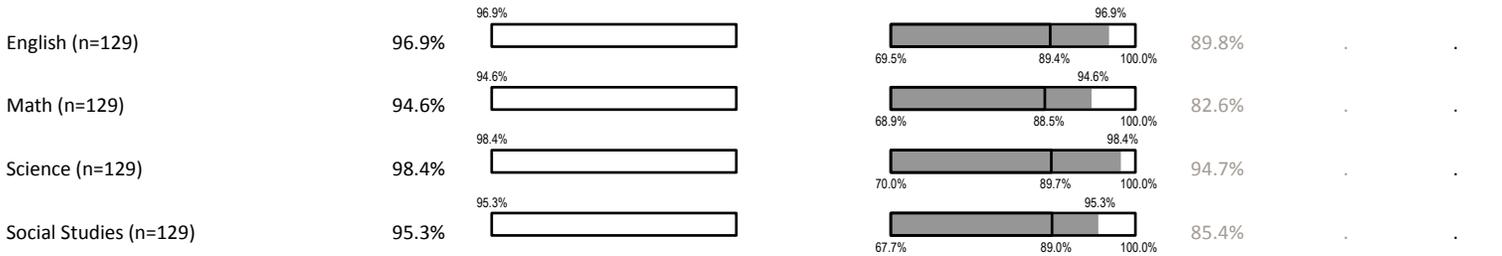
**English**



**Mathematics**

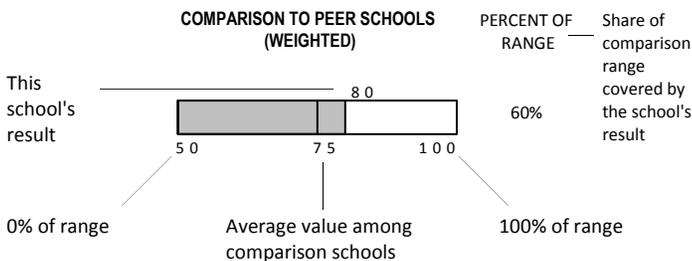


**Percent of Students Passing a Core Course**



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**Score Calculation Example**

FORMULA ( PERCENT OF PEER RANGE X 0.75 + PERCENT OF CITY RANGE X 0.25 ) X POINTS POSSIBLE = POINTS EARNED

EXAMPLE ( 60% X 0.75 + 80% X 0.25 ) X 3.75 = 2.44

GRADE	GRADE	SCORE RANGE	School Environment represents 15% of the total score. The School Environment grade is based on student attendance and your school's NYC School Survey, where parents, teachers, and students in grade 6 and above rate academic expectations, safety and respect, communication, and engagement.
	A	or higher	
B			
C			
D			
SCORE	(out of 15)	F	or lower

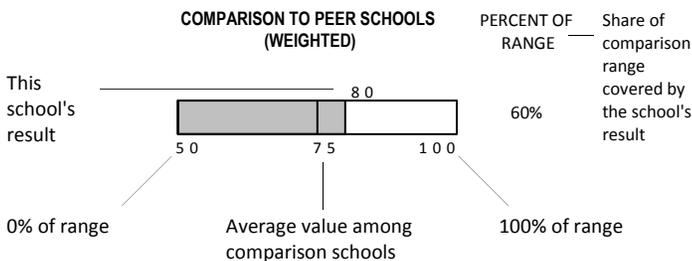
THIS SCHOOL'S RESULTS	COMPARISON TO PEER SCHOOLS (WEIGHTED 75%)	PERCENT OF PEER RANGE	COMPARISON TO CITY SCHOOLS (WEIGHTED 25%)	PERCENT OF CITY RANGE	POINTS POSSIBLE	POINTS EARNED
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**School Survey Results**

Academic Expectations	8.4		72.2%	.	.
Communication	8.3		92.3%	.	.
Engagement	7.6		58.3%	.	.
Safety and Respect	7.8		68.8%	.	.
Attendance Rate	89.5%		23.3%	.	.

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FORMULA (  $\frac{\text{PERCENT OF PEER RANGE}}{100} \times 0.75 + \frac{\text{PERCENT OF CITY RANGE}}{100} \times 0.25$  ) X POINTS POSSIBLE = POINTS EARNED

EXAMPLE (  $60 \times 0.75 + 80 \times 0.25$  ) X 3.75 = 2.44

Schools receive additional credit for exceptional gains by students with disabilities, English Language Learners, and students starting with the lowest proficiency citywide. A school earns additional credit when each high-need student meets the success criteria for an eligible metric. The number of points will depend on the percentage of the school's population that is in the high-need group, the percentage of that group that is successful, and a "fixed point value" based on how difficult it is to achieve the success criteria. Additional Credit can only improve a school's Progress Report score. It cannot lower a school's score. Elementary schools are eligible for points on 16 additional credit metrics while middle and K-8 schools are eligible for points on up to 17 metrics, each of which is worth up to one point. (In the table below, "." in "This School's Results" indicates that a school has fewer than 5 eligible students in one of the categories.)

CATEGORY	THIS SCHOOL'S RESULTS	POPULATION PERCENTAGE	FIXED POINT VALUE	POINTS POSSIBLE	POINTS EARNED
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**Percent at Level 3 or 4**

**English**

Self-Contained (n=20)	0.0%	14.4%	3.036
Integrated Co-Teaching (ICT) (n=22)	0.0%	15.8%	0.609
Special Education Teacher Support Services (SETSS) (n=0)	.	.	0.619

**Mathematics**

Self-Contained (n=20)	0.0%	14.3%	1.946
Integrated Co-Teaching (ICT) (n=22)	4.5%	15.7%	0.494
Special Education Teacher Support Services (SETSS) (n=0)	.	.	0.536

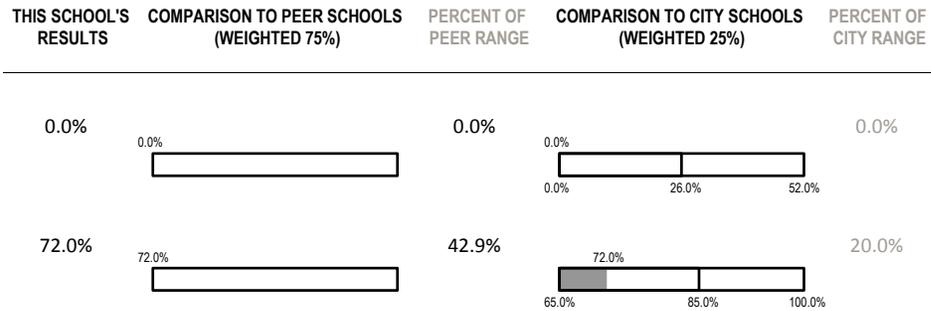
**Percent at 75th Growth Percentile or Higher**

**English**

English Language Learners (n=35)	57.1%	28.0%	0.022
Lowest Third Citywide (n=76)	67.1%	60.8%	0.011
Self-Contained/ICT/SETSS (n=40)	72.5%	32.0%	0.017
Black and Hispanic Males in Lowest Third Citywide (n=45)	68.9%	36.0%	0.022

**Mathematics**

English Language Learners (n=40)	47.5%	30.5%	0.023
Lowest Third Citywide (n=89)	67.4%	67.9%	0.012
Self-Contained/ICT/SETSS (n=41)	70.7%	31.3%	0.020
Black and Hispanic Males in Lowest Third Citywide (n=48)	75.0%	36.6%	0.025
Movement from SC/ICT/SETSS to Less Restrictive Environments (n=36)	0.28	25.4%	0.029
English Language Learner Progress (n=32)	53.1%	22.5%	0.037



TOTAL POINTS

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 Peer Index. Each elementary and middle school has up to 40 peer schools and each K-8 school has up to 30 peer schools.

**PEER GROUP CALCULATION**

Peer groupings are created using a "nearest neighbor" matching methodology. This methodology examines the mathematical difference between a school and all potential peers on a given set of characteristics. Schools with the smallest difference across all the characteristics are peered together.

PEER GROUP FOR: **M.S. 45/S.T.A.R.S. Prep Academy**

DBN	SCHOOL	AVERAGE ENGLISH PROFICIENCY	AVERAGE MATH	%STUDENTS WITH DISABILITIES	%OVERAGE
<b>04M045</b>	<b>M.S. 45/S.T.A.R.S. Prep Academy</b>	<b>2.52</b>	<b>2.90</b>	<b>31.0%</b>	<b>8.5%</b>
03M256	M.S. 256 Academic & Athletic Excellence	2.52	2.81	32.3%	6.2%
04M013	J.H.S. 013 Jackie Robinson	2.55	2.84	33.3%	10.1%
04M406	Global Technology Preparatory	2.61	2.93	36.3%	6.5%
05M286	I.S. M286 Renaissance Leadership Academy	2.62	2.88	26.4%	7.3%
05M514	New Design Middle School	2.58	2.79	32.4%	5.8%
06M218	I.S. 218 Salome Urena	2.43	2.81	25.6%	7.1%
07X203	M.S. 203	2.46	2.78	28.8%	11.1%
07X224	P.S. / I.S. 224	2.45	2.73	26.8%	6.8%
08X301	M.S. 301 Paul L. Dunbar	2.52	2.90	23.5%	8.5%
08X302	M.S. 302 Luisa Dessus Cruz	2.47	2.88	24.7%	7.5%
08X375	The Bronx Mathematics Preparatory School	2.64	2.99	26.6%	7.9%
08X424	The Hunts Point School	2.64	2.94	25.2%	9.4%
09X117	I.S. 117 Joseph H. Wade	2.50	2.82	25.0%	6.7%
09X219	I.S. 219 New Venture School	2.51	2.79	24.9%	9.2%
09X229	I.S. 229 Roland Patterson	2.44	2.74	29.1%	6.4%
09X339	I.S. 339	2.51	2.82	25.0%	8.8%
10X391	The Angelo Patri Middle School	2.47	2.68	26.5%	7.8%
11X287	The Forward School	2.58	2.82	28.2%	8.0%
12X129	P.S. 129 Twin Parks Upper	2.51	2.83	27.7%	6.9%
12X217	School of Performing Arts	2.60	2.89	24.5%	6.8%
12X341	Accion Academy	2.56	2.84	25.6%	6.3%
12X383	Emolior Academy	2.49	2.81	24.5%	8.7%
13K265	Dr. Susan S. Mckinney Secondary School of The Arts	2.62	2.87	27.8%	5.7%
13K313	Satellite West Middle School	2.55	2.86	28.8%	6.8%
14K071	Juan Morel Campos Secondary School	2.50	2.79	31.0%	7.2%
14K330	The Urban Assembly School for The Urban Environment	2.32	2.61	31.9%	8.8%
14K586	Lyons Community School	2.55	2.93	27.2%	9.6%
15K592	Khalil Gibran International Academy	2.44	2.78	30.0%	10.0%
16K267	M.S. 267 Math, Science & Technology	2.64	2.99	30.2%	7.6%
16K385	School of Business, Finance and Entrepreneurship	2.59	2.90	37.6%	8.9%
16K534	Upper School @ P.S. 25	2.52	2.97	25.4%	6.2%
17K352	Ebbets Field Middle School	2.51	2.78	23.8%	7.8%
17K354	The School of Integrated Learning	2.55	2.82	26.8%	7.4%
17K587	Middle School for The Arts	2.55	2.86	25.1%	7.4%
18K581	East Flatbush Community Research School	2.51	2.83	24.2%	6.6%
19K311	Essence School	2.65	2.96	23.8%	7.9%
19K678	East New York Middle School of Excellence	2.58	2.88	26.2%	8.0%
23K634	General D. Chappie James Middle School of Science	2.44	2.71	30.9%	9.0%
27Q053	M.S. 053 Brian Piccolo	2.54	2.85	26.9%	8.7%
27Q318	Waterside School for Leadership	2.55	2.90	27.7%	6.9%
<b>PEER GROUP AVERAGES</b>		<b>2.53</b>	<b>2.84</b>	<b>27.8%</b>	<b>7.8%</b>

This page provides more granular data on students' state exam scores. It disaggregates these scores by grade and subject for 2012-13. While the numbers here do not individually count for points, the detailed deconstruction should provide deeper insight into 2012-13 student performance.

State Exam Scores by Grade	AVERAGE STUDENT PROFICIENCY	PERCENTAGE OF STUDENTS AT LEVEL 3 OR LEVEL 4	MEDIAN ADJUSTED GROWTH PERCENTILE
<b>Mathematics</b>			
6th Grade (n = 27)	2.26	14.8%	77.5
7th Grade (n = 31)	2.12	6.5%	85.5
8th Grade (n = 82)	1.96	2.4%	74.0
<b>English</b>			
6th Grade (n = 27)	2.24	7.4%	73.0
7th Grade (n = 31)	2.20	12.9%	63.0
8th Grade (n = 81)	2.06	2.5%	81.0
<b>Science</b>			
8th Grade (n = 77)	2.76	40.3%	.

Chronic Absenteeism	PERCENTAGE OF STUDENTS SCHOOLWIDE	AVERAGE OF SCHOOLS CITYWIDE
Students With Less Than 90% Attendance (n = 150)	36.7%	21.9%

### 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:	(	0.0%	) X (	.	) =	0.0%
MATHEMATICS:	(	0.0%	) X (	.	) =	0.0%
SCIENCE:	(	0.0%	) X (	.	) =	0.0%
LANGUAGE OTHER THAN ENGLISH:	(	0.0%	) X (	.	) =	0.0%

Long-Term Growth Percentile	THIS SCHOOL'S RESULTS	PEER AVERAGE	CITY AVERAGE
English (n = 58)	69.0	58.1	61.2
Mathematics (n = 65)	50.0	51.3	57.3