



This Progress Report is for:

SCHOOL	Academy of Environmental Science Secondary High School (04M635)
PRINCIPAL	David Grodsky
ENROLLMENT	666
SCHOOL TYPE	MIDDLE SCHOOL
PEER INDEX	2.98

Category	Calculated Score	Category Grade
School Environment	out of 15	
Student Performance	out of 25	
Student Progress	out of 60	
Additional Credit	(15 max)	
Overall Score	out of 100	

Middle School Table – Overall Grades

Grade	Score range	City summary
A	65.9–106	30% of schools
B	49.7–65.8	45% of schools
C	39–49.6	16% of schools
D	29.4–38.9	7% of schools
F	11.1–29.4	2% of schools

In This Report:

Each school's Progress Report (1) measures 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. The Progress Report measures four areas:

School Environment

uses parent, teacher and secondary student surveys and other data to measure necessary conditions for learning: attendance, academic expectations, communication, engagement and safety and respect.

Student Performance

measures student skill levels in English Language Arts and Math.

Student Progress

measures average student improvement from last year to this year in English Language Arts and Math.

Closing the Achievement Gap

gives schools additional credit for exemplary gains among high-need students.

The back page provides specific information about how the school performed in each of these areas.

Quality Review Score

This school's 2007-08 Quality Review score is:

Underdeveloped with Proficient Features

To see this school's Quality Review report, find the school's Web site at <http://schools.nyc.gov/>, click 'Statistics' and scroll down to Quality Review Report.

State Accountability Status

Based on its 2006-07 performance, this school is:

In Good Standing

This status is determined by the New York State Department of Education under the No Child Left Behind (NCLB) Act. It is separate from the school's Progress Report Grade.

Additional Information

Closing the Achievement Gap

Schools earn additional credit when their high-need students make exemplary gains. These gains are based on the percentage of high-need students who improve by at least one-half of a proficiency level in English Language Arts or Math (e.g., student improves from 2.25 to 2.75 in ELA, or 3.20 to 3.70 in Math). Schools earn additional credit for any one of the five high-need categories of students if the percentage of students in that category who achieve exemplary gains is in the top 40% of all schools citywide.

This component can only improve a school's Progress Report grade. It cannot lower a school's grade.

Credit	Exemplary Proficiency Gains	Student Group
English Language Arts		
+1.5	33.3%	English Language Learners
	23.4%	Special Education Students
	21.1%	Hispanic Students in the Lowest Third Citywide
	9.8%	Black Students in the Lowest Third Citywide
	-	Other Students in the Lowest Third Citywide
Mathematics		
+1.5	15.0%	English Language Learners
	22.9%	Special Education Students
	26.0%	Hispanic Students in the Lowest Third Citywide
	14.9%	Black Students in the Lowest Third Citywide
	-	Other Students in the Lowest Third Citywide

(-) indicates less than 15 students in this category

Peer 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. Each school has up to 40 peer schools.

For Elementary and K-8 Schools, peer schools are determined based on the percentage of students at each school that are English Language Learners, Special Education, Black/Hispanic and Title I eligible.

For Middle Schools, peer schools are determined based on the average ELA and Math proficiency levels of the school's students before they entered Middle School.

The peer schools for Academy of Environmental Science Secondary High School are:

DBN	School Name	DBN	School Name
19K292	J.H.S. 292 Margaret S. Douglas	01M292	Henry Street School for International Studies
07X223	M.S. 223 The Laboratory School of Finance and Techno	32K349	I.S. 349 Math Science & Tech.
08X371	Urban Institute of Mathematics	06M348	Washington Heights Expeditionary Learning School
84M350	Democracy Prep Charter School	29Q192	I.S. 192 The Linden
13K313	Satellite West Middle School	15K464	Secondary School for Research
03M258	M.S. 258 Community Action School	12X269	Bronx Studio School for Writers and Artists
19K302	J.H.S. 302 Rafael Cordero	10X308	Bronx Dance Academy School
29Q231	I.S. 231 Magnetech 2000	19K218	J.H.S. 218 James P. Sinnott
15K497	School for International Studies	30Q235	Academy for New Americans
32K162	J.H.S. 162 The Willoughby	14K071	Juan Morel Campos Secondary School
15K592	Khalil Gibran International Academy	30Q126	Albert Shanker School for Visual and Performing Arts
20K062	J.H.S. 062 Ditmas	12X270	Academy for Scholarship and Entrepreneurship: A College E
11X287	The Forward School	03M247	M.S. M247 Dual Language Middle School
32K296	J.H.S. 296 The Halsey	10X206	I.S. 206 Ann Mersereau
14K126	John Ericsson Middle School 126	20K223	J.H.S. 223 The Montauk
05M195	I.S. 195 Roberto Clemente	07X221	South Bronx Preparatory: A College Board School
11X144	J.H.S. 144 Michelangelo	08X367	Archimedes Academy for Math Science and Technology Ap
01M301	Technology Arts and Sciences Studio	05M344	Academy of Collaborative Education
01M450	East Side Community High School	18K068	I.S. 068 Isaac Bildersee
17K531	School for Human Rights The	08X376	Antonia Pantoja Preparatory Academy A College Board Sch

The Progress Report is a key component of Mayor Michael R. Bloomberg's and Chancellor Joel I. Klein's Children First reforms. The Progress Report is designed to assist administrators, principals and teachers in accelerating the learning of all students. The Progress Report also enables students, parents and the public to hold the NYC Department of Education and its schools accountable for student achievement and improvement and for ensuring a high quality education for every student in NYC's public schools. If you have any questions or comments about the Progress Report, please visit <http://schools.nyc.gov/Accountability/SchoolReports/ProgressReports/> or send us an email at pr_support@schools.nyc.gov.

Results by Category

SCHOOL Academy of Environmental Science Secondary High School
 PRINCIPAL David Grodsky

HOW TO INTERPRET THIS CHART

A school is evaluated by asking how far its score in each category has moved along the range of scores for all schools. These charts show that movement as a percentage. In the example to the right, the school's score is 75% of the way from the lowest to the highest score in the City.

If a school performs at the top end of the range, the bar will be fully shaded. If a school performs at the low end of the range, the bar will not be shaded. If a school performs in the middle of the range, half the bar will be shaded.

Attendance
90%



In this example, the school's attendance is 90%. This is 75% of the way from the lowest attendance at any school (80%) to the highest attendance (100%).

Below, the green charts on the left compare the school to its peer group. The blue charts on the right compare the school to schools Citywide. Peer scores count three times as much as City scores. Peer and City ranges are based on the outcomes of schools from 2005-08.

School Environment

Comprises 15% of the Overall Score

	Your School's Score	Your School Relative to Peer Horizon:				Your School Relative to City Horizon:				Number of students		
		0% Peer Min	25%	50%	75%	100% Peer Max	0% City Min	25%	50%	75%	100% City Max	
Survey Scores (10 points)												
Academic Expectations:	5.6	-3.6%					-7.4%					
			5.7			8.5					8.5	
Communication:	4.8	0.0%					-7.7%					
			4.8			7.9					7.6	
Engagement:	4.9	3.2%					0.0%					
			4.8			7.9					7.9	
Safety and Respect:	5.7	22.2%					15.2%					
			4.9			8.5					8.5	
Attendance (5 points)	90.6%	51.1%					44.3%					
			85.9%			95.1%					97.9%	

Student Performance

Comprises 25% of the Overall Score

	Your School's Score	Your School Relative to Peer Horizon:				Your School Relative to City Horizon:				Number of students		
		0% Peer Min	25%	50%	75%	100% Peer Max	0% City Min	25%	50%	75%	100% City Max	
English Language Arts												
Percentage of Students at Proficiency (Level 3 or 4):	33.8%	50.9%					36.5%					260
			17.4%			49.6%					88.0%	
Median Student Proficiency (1.00-4.50):	2.86	64.9%					45.6%					260
			2.49			3.06					3.48	
Mathematics												
Percentage of Students at Proficiency (Level 3 or 4):	39.5%	42.1%					33.9%					258
			15.3%			72.8%					100.0%	
Median Student Proficiency (1.00-4.50):	2.79	45.8%					37.4%					258
			2.30			3.37					3.96	

Student Progress

Comprises 60% of the Overall Score

	Your School's Score	Your School Relative to Peer Horizon:				Your School Relative to City Horizon:				Number of students		
		0% Peer Min	25%	50%	75%	100% Peer Max	0% City Min	25%	50%	75%	100% City Max	
English Language Arts												
Percentage of Students Making at Least 1 Year of Progress	62.6%	67.2%					71.1%					262
			47.0%			70.2%					71.4%	
Percentage of Students in School's Lowest 1/3 Students Making at Least 1 Year of Progress	83.0%	61.3%					67.6%					88
			67.5%			92.8%					93.3%	
Average Change in Student Proficiency for Level 1 and Level 2 Students	0.18	42.9%					36.7%					182
			0.09			0.30					0.37	
Average Change in Student Proficiency for Level 3 and Level 4 Students	(0.10)	65.4%					58.6%					80
			(0.27)			(0.01)					0.02	
Mathematics												
Percentage of Students Making at Least 1 Year of Progress	41.2%	17.5%					12.2%					265
			32.8%			80.7%					82.3%	
Percentage of Students in School's Lowest 1/3 Students Making at Least 1 Year of Progress	59.1%	33.5%					32.3%					88
			42.4%			92.3%					89.7%	
Average Change in Student Proficiency for Level 1 and Level 2 Students	0.14	28.3%					26.3%					136
			(0.01)			0.52					0.56	
Average Change in Student Proficiency for Level 3 and Level 4 Students	(0.30)	9.3%					2.0%					129
			(0.35)			0.19					0.18	