

### This Progress Report is for:

SCHOOL	Discovery High School (10X549)
PRINCIPAL	ROLANDO RIVERA
ENROLLMENT	451
SCHOOL TYPE	HIGH SCHOOL
PEER INDEX	1.94

Progress Report Grade

# A

### What does this grade mean?

Schools are assigned letter grades based on their overall Progress Report score. Monetary bonuses may be given to principals and teachers at high-scoring schools. Schools that get Ds and Fs, or 3 Cs in a row are considered for more intensive support or intervention.

### How did this school perform?

- This school's overall score for 2009-10 is 91.5
- This school did better than 95% of all high schools citywide.

Category	Calculated Score	Category Grade
<b>School Environment</b>	11.4 out of 15	<b>A</b>
<b>Student Performance</b>	18.9 out of 25	<b>A</b>
<b>Student Progress</b>	53.7 out of 60	<b>A</b>
<b>Additional Credit</b>	7.5 (15 max)	
<b>Overall Score</b>	91.5 out of 100	<b>A</b>

### How scores translate to grades:

- Schools receive letter grades based on their overall score
- Schools with an overall score of 70.0 or higher receive a letter grade of A
- 40.2% of high schools earned an A in 2009-10

### High School Table – Overall Grades

Grade	Score range	City summary
A	70.0 or higher	40.2% of high schools
B	58.0 - 69.9	29.3% of high schools
C	47.0 - 57.9	20.8% of high schools
D	40.0 - 46.9	6.9% of high schools
F	39.9 or lower	2.7% of high 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

evaluates a high school's success in graduating students.

#### Student Progress

evaluates annual student advancement toward graduation through credit accumulation and passed Regents. In the weighted Regents pass rate measures, schools receive more points if they are able to help high need students pass the exams.

#### Closing the Achievement Gap

gives schools additional credit for helping high-need students graduate college-ready.

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

### Quality Review Score

This school's most recent Quality Review score is: Well Developed (2007-08)

To see this school's Quality Review report, please visit <http://schools.nyc.gov/SchoolPortals/10/X549/AboutUs/Statistics/default.htm>

### State Accountability Status

Based on its performance, this school is: Improvement (year 1) Comprehensive (2009-10)  
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 achieve exemplary outcomes. In high school, our ultimate goal is for all students to graduate ready for college. Accordingly, schools can earn additional credit based on the weighted diploma rate of high needs students, which gives higher weight to students with more college-ready diplomas such as Regents and Advanced Regents.

Schools can also earn additional credit based on the percentage of students, in the lowest third citywide who score a 75 or higher on the English Regents or on a Math Regents. Students with these scores are more likely to be able to attend a four-year University without the need for remedial classes.

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

Credit	Exemplary Outcomes	Additional Credit Category
<b>Weighted 4-Year Diploma Rate</b>		
+1.5	122.5%	English Language Learners
	170.0%	SETSS / CTT / Self-Contained Students
+1.5	142.7%	Students in the Lowest Third Citywide
<b>Lowest Third Citywide</b>		
+3	55.1%	Scored 75 or higher on the ELA Regents
+1.5	4.1%	Scored 75 or higher on the Math Regents

(-) indicates less than the minimum number of 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 High Schools, peer schools are determined based on four factors: 1) the average ELA and Math proficiency levels of the school's students before they entered High School, 2) the percentage of special education students, 3) the percentage of self-contained special education students, and 4) the percentage of students who enter high school 2 or more years overage. A lower peer index indicates a higher need population.

The peer schools for Discovery High School are:

DBN	School Name	DBN	School Name
11X545	Bronx Aerospace High School	02M429	Legacy School for Integrated Studies
32K403	Academy for Environmental Leadership	11X514	The Bronxwood Preparatory Academy
21K620	William E. Grady Career and Technical Education H	09X227	Bronx Expeditionary Learning High School
14K610	Automotive High School	15K519	Cobble Hill School of American Studies
01M509	Marta Valle High School	32K552	Academy of Urban Planning
19K583	Multicultural High School	10X660	Grace Dodge Career and Technical Education High School
11X541	Global Enterprise High School	08X650	Jane Addams High School for Academic Careers
11X544	High School for Contemporary Arts	14K632	Frances Perkins Academy
12X684	Wings Academy	32K556	Bushwick Leaders High School for Academic Excellence
16K498	ACORN High School for Social Justice	12X690	Monroe Academy for Business/Law
12X245	New Day Academy	14K071	Juan Morel Campos Secondary School
12X248	Metropolitan High School, The	12X262	Performance Conservatory High School
09X403	Bronx International High School	31R600	Ralph R. McKee Career and Technical Education High Sch
10X439	Bronx High School for Law and Community Service	09X404	School for Excellence
09X412	Bronx High School of Business	10X475	John F. Kennedy High School
09X543	High School for Violin and Dance	08X295	Gateway School for Environmental Research and Technolo
07X600	Alfred E. Smith Career and Technical Education Hig	10X268	Kingsbridge International High School
02M500	Unity Center for Urban Technologies	12X692	Monroe Academy for Visual Arts & Design
12X271	East Bronx Academy for the Future	17K625	Paul Robeson High School
08X305	Pablo Neruda Academy for Architecture and World	09X297	Morris Academy for Collaborative Studies

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/Tools/Report/Default.htm> or send us an email at [pr\\_support@schools.nyc.gov](mailto:pr_support@schools.nyc.gov).

# Results by Category

SCHOOL **Discovery High School (10X549)**  
 PRINCIPAL **ROLANDO RIVERA**

**HIGH SCHOOL**

## 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.



In this example, the school's engagement score is 9.0. This is 75% of the way from the lowest engagement at any school (6.0) to the highest engagement (10.0).

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 2006-07, 2007-08 and 2008-09.

## School Environment

Comprises 15% of the Overall Score

This Year's Score:  
**11.4 out of 15**

**A**

### Survey Scores (10 points)

Academic Expectations

Communication

Engagement

Safety and Respect

### Attendance (5 points)

Your School's Score	Your School Relative to Peer Horizon:	Your School Relative to City Horizon:	Number of students
7.6	85.7%	65.4%	
6.8	81.8%	67.9%	
6.8	76.9%	63.3%	
7.5	85.2%	67.7%	
86.3%	76.8%	52.8%	

## Student Performance

Comprises 25% of the Overall Score

This Year's Score:  
**18.9 out of 25**

**A**

### Four Year

Graduation Rate

Weighted Diploma Rate

### Six Year

Graduation Rate

Weighted Diploma Rate

Your School's Score	Your School Relative to Peer Horizon:	Your School Relative to City Horizon:	Number of students
69.2%	73.7%	53.5%	91
162.6%	104.3%	63.7%	91
73.4%	77.6%	55.1%	94
126.1%	74.3%	46.2%	94

## Student Progress

Comprises 60% of the Overall Score

This Year's Score:  
**53.7 out of 60**

**A**

### Credit Accumulation

Percentage of Students Earning 10+ Credits in 1st Year

Percentage of Students in School's Lowest Third Earning 10+ Credits in 1st Year

Percentage of Students Earning 10+ Credits in 2nd Year

Percentage of Students in School's Lowest Third Earning 10+ Credits in 2nd Year

Percentage of Students Earning 10+ Credits in 3rd Year

Percentage of Students in School's Lowest Third Earning 10+ Credits in 3rd Year

### Average Completion Rate for Remaining Regents

### Weighted Regents Pass Rates

English

Mathematics

Science

United States History

Global History

Your School's Score	Your School Relative to Peer Horizon:	Your School Relative to City Horizon:	Number of students
73.2%	67.1%	52.7%	129
59.0%	62.9%	50.1%	39
69.3%	66.9%	48.2%	115
55.9%	64.9%	48.2%	34
64.2%	56.3%	38.9%	117
40.0%	38.7%	29.4%	35
37.3%	99.6%	54.0%	348
1.51	122.3%	114.8%	100
3.98	200.0%	200.0%	193
2.10	116.9%	117.2%	119
1.44	96.1%	99.0%	101
1.82	117.4%	118.1%	85