Department of Education
Dennis M. Walcott, Chancellor

Progress Report 2010-11

Cascades High School

PRINCIPAL:	Paul Rotondo
DBN:	01M650
ENROLLMENT:	202
SCHOOL TYPE:	High School Transfer
PEER INDEX:	2.34

(see p. 7 for more details on peer index)

OVERALL GRADE **A**

OVERALL SCORE **70.4** out of 100

RANK **10**

This school's overall score was higher than 38 of 48 Transfer High Schools.

Overall Grades - High School Transfer

GRADE	SCORE RANGE	% OF SCHOOLS
A	68.0 or higher	33% of schools
B	56.0 - 67.9	25% of schools
C	46.0 - 55.9	36% of schools
D	38.0 - 45.9	6% of schools
F	37.9 or lower	0% of schools

For transfer schools, grades are based on cut scores determined prior to the release of the Progress Report.

Schools in their first year, without a graduating class or in phase out receive a report with no grade or score.

Overview

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. Strong Progress Report results are the basis for monetary rewards for school leaders, and poor results are an important factor in determining whether schools require intensive support or intervention. For more information, see schools.nyc.gov/community/planning/Support+and+Intervention.htm.

CATEGORY	SCORE	GRADE	DESCRIPTION
Student Progress	**36.0** out of 60	**B**	Student Progress measures the annual progress students make toward meeting the state's graduation requirements by earning course credits and passing Regents exams, and annual changes in student attendance.
Student Performance	**16.6** out of 25	**B**	Student Performance measures how many students graduated within 6 years of starting high school, and the types of diplomas they earned.
School Environment	**11.8** out of 15	**A**	School Environment measures a survey of the school community rating academic expectations, safety and respect, communication, and engagement.
Closing the Achievement Gap	**6.0** (14 max)		Schools receive additional credit for exceptional graduation and Regents results by students with disabilities, English Language Learners, and students who enter the school at the lowest performance level.
Overall Score	**70.4** out of 100	**A**	The overall grade is based on the total of all scores above, including additional credit for closing the achievement gap. Category scores may not add up to total score because of rounding.

Other accountability measures

These measures are separate from the Progress Report, and are an important part of school accountability in New York City and State.

Quality Review

The school's most recent Quality Review Score:

Well Developed

2007-08

The Quality Review is an observational evaluation conducted by an experienced educator, focused on how well a school is organized to educate its students.

State Accountability

The school's current status:

In Good Standing

2010-11

This status is determined by the New York State Department of Education under the No Child Left Behind Act.

GRADE **B**

SCORE 36.0 (out of 60)

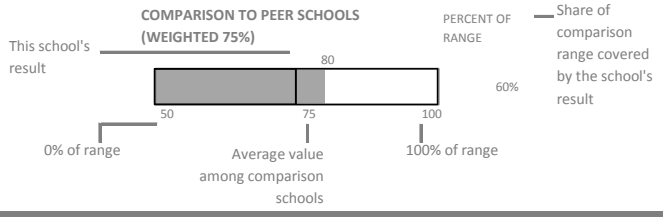
GRADE	SCORE RANGE
A	40.8 or higher
B	33.6 - 40.7
C	27.6 - 33.5
D	22.8 - 27.5
F	22.7 or lower

Student Progress represents 60% of the total score. The measures evaluate the annual progress students make toward meeting the state's graduation requirements by earning course credits, passing state Regents exams, and changes in the student attendance rate between 2009-10 and 2010-11.

	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
Credit Accumulation							
Credit Acc. per Year, Students Beginning with 0.00-11.00 Credits (n=18)	9.27	4.57 – 8.43 – 12.29 (9.27)	60.9%	1.42 – 6.75 – 12.08 (9.27)	73.6%	1.98	1.27
Credit Acc. per Year, Students Beginning with 11.01-22.00 Credits (n=58)	9.42	5.26 – 9.12 – 12.98 (9.42)	53.9%	2.95 – 7.81 – 12.67 (9.42)	66.6%	6.39	3.65
Credit Acc. per Year, Students Beginning with 22.01-33.00 Credits (n=109)	10.59	7.49 – 10.75 – 14.01 (10.59)	47.5%	4.90 – 9.59 – 14.28 (10.59)	60.7%	12.00	6.10
Credit Acc. per Semester, Students Beginning with 33.01-38.00 Credits (n=33)	13.23	7.21 – 10.18 – 13.15 (13.23)	100.0%	6.54 – 9.69 – 12.84 (13.23)	100.0%	3.63	3.63
Average Change in Student Attendance (n=250)	-2.9%	-8.8% – 0.5% – 9.8% (-2.9%)	31.7%	-13.2% – 0.0% – 13.2% (-2.9%)	39.0%	12.00	4.02
Average Completion Rate for Remaining Regents (n=211)	44.7%	6.8% – 26.6% – 46.4% (44.7%)	95.7%	1.0% – 20.2% – 39.4% (44.7%)	100.0%	4.00	3.87
Weighted Regents Pass Rate							
English (n=101)	1.43	0.36 – 1.18 – 2.00 (1.43)	65.2%	0.35 – 1.10 – 1.85 (1.43)	72.0%	4.00	2.68
Mathematics (n=71)	1.39	0.43 – 1.31 – 2.19 (1.39)	54.5%	0.18 – 1.21 – 2.24 (1.39)	58.7%	4.00	2.22
Science (n=69)	1.79	0.67 – 1.40 – 2.13 (1.79)	76.7%	0.32 – 1.35 – 2.38 (1.79)	71.4%	4.00	3.02
Global History (n=104)	1.73	0.20 – 1.27 – 2.34 (1.73)	71.5%	0.11 – 1.21 – 2.31 (1.73)	73.6%	4.00	2.88
United States History (n=82)	1.40	0.58 – 1.19 – 1.80 (1.40)	67.2%	0.45 – 1.14 – 1.83 (1.40)	68.8%	4.00	2.70
					TOTAL POINTS	60.00	36.04

How To Interpret These Charts

To determine the number of points earned, this school's 2010-11 results on each metric are compared to the historical results of peer schools and all transfer schools citywide. The comparison to peer schools is worth 75% of the points for each metric and the comparison to all transfer schools citywide is worth 25% of the points. The bars represent the range of results for the peer and city comparison schools for 2006-07, 2007-08, 2008-09 and 2009-10 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	(	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	1.98	=	1.29

GRADE **B**

SCORE 16.6

(out of 25)

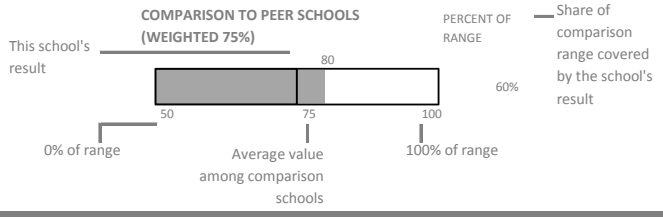
GRADE	SCORE RANGE
A	17.0 or higher
B	14.0 - 16.9
C	11.5 - 13.9
D	9.5 - 11.4
F	9.4 or lower

Student Performance represents 25% of the total score. The Student Performance grade is based on how many students graduated within 6 years of starting high school as well as on the number of credits these students had at admission, and the types of diplomas these students earned.

	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
Six Year Graduation Rate (n=139)	69.1%	36.4% 57.9% 69.1% 79.4%	76.0%	20.1% 48.0% 69.1% 75.9%	87.8%	5.00	3.95
Six Year Weighted Diploma Rate (n=139)	180.2%	0.1% 185.5% 180.2% 370.9%	48.6%	0.0% 137.2% 180.2% 283.5%	63.6%	5.00	2.62
Six Year Graduation Rate by Credits at Admission, 0.00 - 11.00 Credits (n=7)	.	16.0% 44.8% 73.6%	.	0.0% 30.7% 63.7%	.	0.00	.
Six Year Graduation Rate by Credits at Admission, 11.01 - 22.00 Credits (n=57)	61.4%	28.6% 56.3% 61.4% 84.0%	59.2%	17.3% 45.7% 61.4% 74.1%	77.6%	6.48	4.13
Six Year Graduation Rate by Credits at Admission, More than 22.00 Credits (n=75)	78.7%	39.0% 68.9% 78.7% 98.8%	66.4%	42.4% 66.5% 78.7% 90.6%	75.3%	8.52	5.85
					TOTAL POINTS	25.00	16.55

How To Interpret These Charts

To determine the number of points earned, this school's 2010-11 results on each metric are compared to the historical results of peer schools and all transfer schools citywide. The comparison to peer schools is worth 75% of the points for each metric and the comparison to all transfer schools citywide is worth 25% of the points. The bars represent the range of results for the peer and city comparison schools for 2006-07, 2007-08, 2008-09 and 2009-10 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	(	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	5	=	3.25

GRADE **A**

SCORE 11.8

(out of 15)

GRADE	SCORE RANGE
A	10.2 or higher
B	8.4 - 10.1
C	6.9 - 8.3
D	5.7 - 6.8
F	5.6 or lower

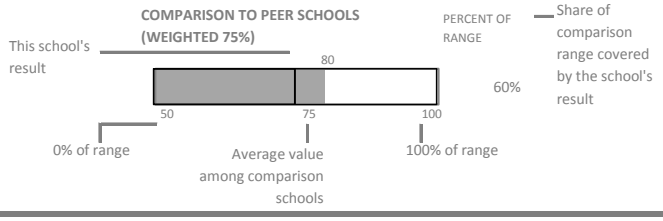
School Environment represents 15% of the total score. The School Environment grade is based on results of the NYC School Survey, on which parents, teachers, and students rate academic expectations, safety and respect, communication, and engagement.

School Survey Results

	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
Academic Expectations	8.6	7.0 – 7.9 – 8.8 (8.6)	88.9%	6.9 – 7.9 – 8.9 (8.6)	85.0%	3.75	3.30
Communication	7.6	5.8 – 7.0 – 8.2 (7.6)	75.0%	5.7 – 6.9 – 8.1 (7.6)	79.2%	3.75	2.85
Engagement	8.1	6.0 – 7.3 – 8.6 (8.1)	80.8%	5.9 – 7.2 – 8.5 (8.1)	84.6%	3.75	3.07
Safety and Respect	8.3	6.9 – 7.9 – 8.9 (8.3)	70.0%	6.8 – 7.9 – 9.0 (8.3)	68.2%	3.75	2.61
					TOTAL POINTS	15.00	11.83

How To Interpret These Charts

To determine the number of points earned, this school's 2010-11 results on each metric are compared to the historical results of peer schools and all transfer schools citywide. The comparison to peer schools is worth 75% of the points for each metric and the comparison to all transfer schools citywide is worth 25% of the points. The bars represent the range of results for the peer and city comparison schools for 2006-07, 2007-08, 2008-09 and 2009-10 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	(	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

Schools receive additional credit for exceptional gains by students with disabilities, English Language Learners, and students with the lowest 8th grade proficiency citywide. A school earns full additional credit when its results are in the top 20% of schools citywide. It earns half credit when its results are in the top 40%. Additional Credit can only improve a school's Progress Report score. It cannot lower a school's score. Transfer schools are eligible for points on 7 additional credit metrics, each of which is worth up to 2 points. In the table below, "." in "This school's Results" indicates that a school has fewer than 10 eligible students in one of the weighted diploma rate categories or fewer than 15 eligible students in one of the other categories.

CATEGORY	THIS SCHOOL'S RESULTS	TOP 20% CUTOFF	TOP 40% CUTOFF	POINTS EARNED
Six Year Weighted Diploma Rate				
English language learners (n=13)	215.4%	288.3%	128.3%	1.0
Self-contained/CTT/SETSS (n=11)	236.4%	236.6%	190.0%	1.0
Overage/Under-Credited Students (n=71)	224.6%	236.5%	191.6%	1.0
Overage/Under-Credited Black/Hispanic males (n=21)	297.6%	244.3%	175.6%	2.0
Scored 75 or Higher on Regents				
Overage/Under-Credited Students, English (n=35)	34.3%	38.7%	29.8%	1.0
Overage/Under-Credited Students, Math (n=23)	4.3%	15.4%	9.4%	.
.	.	.	.	.
Movement of students with disabilities to less restrictive environments (n=12)	.	0.90	0.74	.

TOTAL POINTS 6.0

SPECIAL RECOGNITION

High schools build the foundation of skills and knowledge students need to achieve postsecondary success. As we move toward the Common Core State Standards and the goal of ensuring that our students not only graduate from high school, but graduate ready for the demands of college or the workforce, the Progress Report is evolving to reward high schools whose students successfully engage in rigorous coursework, graduate having met the standards necessary to begin taking college courses for credit, and go on to enroll in college after graduation.

Three new college readiness measures are reported below as unscored metrics, and will be integrated into schools' Progress Report scores and grades beginning with the 2011-12 Progress Report. The peer and city averages represent school-level averages for peer transfer high schools and all transfer high schools citywide, and are provided for context.

College Preparatory Course Index

This metric measures the percentage of students in the 2011 six year cohort (all students who entered high school six years earlier) who have achieved any of the following:

- Scored 65+ on the Algebra II, Math B, Chemistry, or Physics Regents exam, or
- Scored 3+ on any Advanced Placement (AP) exam, or
- Scored 4+ on any International Baccalaureate (IB) exam, or
- Earned a grade of "C" or higher in a course for college credit (e.g. College Now, Early College)

Students meeting more than one of the requirements above will only be counted once in the numerator.

	THIS SCHOOL'S RESULT	PEER AVERAGE	CITY AVERAGE
College Preparatory Course Index (n=139)	2.9%	8.0%	5.0%

College Readiness Index

This metric measures the percentage of students in the 2011 six year cohort (all students who entered high school six years earlier) who graduated and met the Regents exam, SAT, and/or course standards for passing out of remedial coursework at the City University of New York (CUNY), by August 2011.

	THIS SCHOOL'S RESULT	PEER AVERAGE	CITY AVERAGE
College Readiness Index (n=139)	5.0%	6.0%	3.4%

College Enrollment Rate

This metric measures the percentage of students in the 2010 six year cohort (all students who entered high school six years earlier) who graduated and enrolled in a degree program at a two- or four-year college or university by December 31, 2010.

	THIS SCHOOL'S RESULT	PEER AVERAGE	CITY AVERAGE
College Enrollment Rate (n=126)	40.5%	37.0%	27.7%

PEER INDEX CALCULATION

The Peer Index sorts schools according to incoming proficiency and demographics. A lower Peer Index indicates a higher need population. The Peer Index operates on a 1.0 to 4.5 scale and is calculated using the following formula:

FORMULA	(	Average 8th grade English and Math proficiency	)	-	(	2	x	% students with disabilities	)	-	(	2	x	% in self-contained settings	)	=	PEER INDEX
FOR THIS SCHOOL	(	2.47	)	-	(	2	x	6.4%	)	-	(	2	x	0.0%	)	=	2.34

PEER GROUP FOR: Cascades High School

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 high school has up to 30 peer schools.

DBN	SCHOOL	PEER INDEX	AVERAGE ENGLISH AND MATH PROFICIENCY	% IEP	% STUDENTS IN SELF-CONTAINED SETTINGS
18K635	Olympus Academy	2.13	2.26	6.8%	0.0%
18K673	EAST BROOKLYN COMMUNITY HIGH SCHOOL	2.14	2.31	8.2%	0.5%
25Q540	Queens Academy High School	2.14	2.33	9.4%	0.0%
15K529	West Brooklyn Community High School	2.15	2.33	9.1%	0.0%
15K698	South Brooklyn Community High School	2.16	2.32	8.1%	0.0%
25Q792	North Queens Community High School	2.16	2.39	11.5%	0.0%
02M432	MURRAY HILL ACADEMY	2.16	2.63	23.4%	0.0%
03M404	INNOVATION DIPLOMA PLUS	2.17	2.35	9.0%	0.0%
21K728	Liberation Diploma Plus	2.18	2.37	9.6%	0.0%
24Q744	VOYAGES Preparatory	2.18	2.31	6.5%	0.0%
28Q338	Queens Satellite High School for Opportunity	2.18	2.32	7.1%	0.0%
01M458	Forsyth Satellite Academy	2.19	2.40	10.8%	0.0%
02M313	James Baldwin School, The: A School for Expeditionary Learning	2.22	2.54	15.8%	0.0%
17K568	Brownsville Academy High School	2.24	2.41	8.1%	0.0%
13K575	Bedford Stuyvesant Preparatory High School	2.34	2.34	0.0%	0.0%
01M650	**Cascades High School**	**2.34**	**2.47**	**6.4%**	**0.0%**
02M575	Manhattan Comprehensive Night and Day High School	2.39	2.49	5.0%	0.4%
02M394	EMMA LAZARUS HIGH SCHOOL	2.40	2.40	0.0%	0.0%
01M515	Lower East Side Preparatory High School	2.50	2.52	0.5%	0.0%
02M605	Humanities Preparatory Academy	2.62	2.86	12.0%	0.0%
	PEER GROUP AVERAGES	2.25	2.42	8.4%	0.0%