# Additional Information

SCHOOL **MANHATTAN CENTER FOR SCIENCE AND MATHEMA (104435)**
PRINCIPAL **JOSE DAVID JIMENEZ**

## 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 earning 11 or more credits in their first, second, or third years of high school. This measure of progress is highly predictive of high school graduation. Schools earn this additional credit if the percentage of students, in any of the five high-need categories, who achieve exemplary gains is in the top 40% of all schools citywide.

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

| Credit | Exemplary Proficiency Gains | Student Group |
|---|---|---|
| ☑ | 63.6% | English Language Learners |
| ☑ | 53.1% | Special Education Students |
| ☑ | 39.1% | Hispanic Students Who Are In Lowest Third Citywide |
| ☑ | 50.0% | Black Students Who Are In Lowest Third Citywide |
| ☐ | – | Other Students Who Are In Lowest Third Citywide |

## More Information

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. Each of these steps is a key component of Mayor Michael R. Bloomberg and Chancellor Joel I. Klein's Children First reforms. By taking these steps in a rigorous way that is sensitive to empowered schools' many pathways to success, 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.

The Office of Accountability (OA) developed the Progress Report in collaboration with parents, teachers, principals, community leaders, and researchers. The report also reflects feedback from a citywide pilot in 2006–07. OA will continue to monitor results, solicit feedback, and refine the report over time.

This Progress Report relies in part on surveys of parents, teachers, and secondary students citywide to evaluate schools' learning environments. Details and analysis of each school's survey results are available at **http://schools.nyc.gov/Surveys**.

Progress Reports will be distributed at the beginning of each school year. Schools are eligible for rewards and consequences based on Progress Report outcomes and scores on annual Quality Reviews. For more information about rewards and consequences, see **http://schools.nyc.gov/Accountability/ProgressReports/Consequences**. Future Progress Reports will compare each school's performance in the current year to the target set for the school in the previous year.

In addition to Progress Reports for Elementary and Middle Schools and general education High Schools, OA is developing Progress Reports for Specialized High Schools, Transfer Schools, Special Education (District 75) Schools, and Early Childhood Schools. Each of these Progress Reports reflects the unique qualities and challenges of the schools it evaluates.

If you have any questions or comments about the Progress Report, please visit **http://schools.nyc.gov/Accountability/ProgressReports** or send us an email at **pr_support@schools.nyc.gov**.

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# New York City Department of Education

Progress Report 2006–07

**HIGH SCHOOL**

### This Progress Report is for:

| | |
|---|---|
| SCHOOL | **MANHATTAN CENTER FOR SCIENCE AND MATHEMA (104435)** |
| PRINCIPAL | **JOSE DAVID JIMENEZ** |
| ENROLLMENT | **1,522** |
| SCHOOL TYPE | **HIGH SCHOOL** |
| PEER INDEX | **3.23** |

## Your School's Overall Results

Progress Report Grade

# A

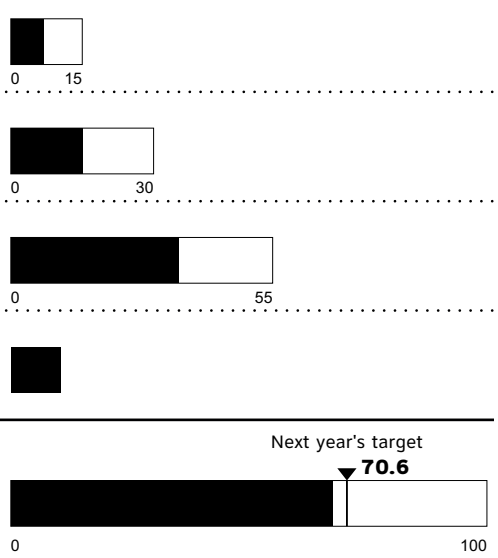
### What does this grade mean?

Schools are assigned letter grades based on their overall Progress Report score. Schools that get As and Bs are eligible for rewards. Schools that get Ds and Fs, or 3 Cs in a row, face consequences.

### How did this school perform?

- This School's overall score for 2006–07 is **67.6**
- This score places the School in the **78.2** percentile of all high school's citywide (i.e., **78.2** percent of those schools scored lower than this school)
- This School's target score for 2007–08 is **70.6**

| Category | Calculated Score |
|---|---|
| School Environment | 6.9 out of 15 |
| Student Performance | 15.0 out of 30 |
| Student Progress | 35.2 out of 55 |
| Additional Credit | 10.5 |
| Overall Score | **67.6** |




**How Scores translate to grades:**

- Schools receive letter grades based on their overall score
- Schools with an overall score between **67.6 and 103.6** receive a letter grade of **A**
- **22.3%** of schools earned an **A** in 2006–07.

**High School Table**

| Grade | Score Range | 2006-07 City Summary |
|---|---|---|
| A | 67.6–103.6 | 22.3% of schools |
| B | 48.8–67.5 | 39.9% of schools |
| C | 35.1–48.8 | 26.5% of schools |
| D | 28.9–35.1 | 6.3% of schools |
| F | 9.2–28.9 | 5% of schools |

### Inside This Report:

The NYC Progress Report is a new accountability tool. 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 surveys and other data to evaluate necessary conditions for learning: attendance, safety, academic expectations, engagement, and communication.

**Student Performance**
evaluates a high school's success in graduating students.

**Student Progress**
evaluates annual student advancement toward graduation.

**Closing the Achievement Gap**
gives schools additional credit for moving high-need students toward graduation.

*More information about the Progress Report is on the back page.*

**Quality Review Score**
This school's 2006–07 Quality Review score is **P**. To see your school's Quality Review Report, locate your school at **http://schools.nyc.gov/**, click 'Statistics', and scroll down to Quality Review Report.

**2006–07 State Accountability Status**
Based on its 2005–06 performance, this school is **In Good Standing**. This measure, determined by New York State as part of the federal No Child Left Behind (NCLB) Act, is not a factor in the Progress Report Grade.

# Results by Category

SCHOOL **MANHATTAN CENTER FOR SCIENCE AND MATHEMA (104435)**
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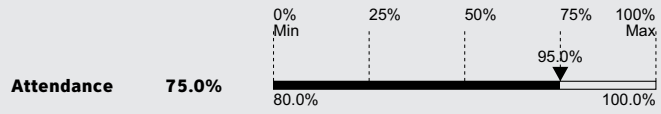
## HOW TO INTERPRET THIS CHART

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 attendance is 95%. 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 your school to its peer group. The blue charts on the right compare your school to schools citywide. Peer and city ranges are based on the outcomes of schools in 2003–06.

## School Environment

**Comprises 15% of the Overall Score**

This Year's Score:
0.461 x 15 = **6.9**

| Survey Scores | Your School's Score (▼) | Your School Relative to Peer Horizon: | Peer Min | Peer Max | Your School Relative to City Horizon: | City Min | City Max |
|---|---|---|---|---|---|---|---|
| Safety and Respect: | 6.8 | 32.4% | 6.0 | 8.5 | 56.8% | 5.0 | 8.1 |
| Academic Expectations: | 7.2 | 46.3% | 6.3 | 8.2 | 61.6% | 5.6 | 8.2 |
| Engagement: | 5.6 | 26.3% | 5.1 | 7.1 | 39.8% | 4.6 | 7.2 |
| Communication: | 5.5 | 24.2% | 4.9 | 7.3 | 32.4% | 4.6 | 7.3 |
| **Attendance:** | 93.0% | 56.8% | 87.1% | 97.5% | 77.1% | 69.4% | 100.0% |

## Student Performance

**Comprises 30% of the Overall Score**

This Year's Score:
0.501 x 30 = **15.0**

| Diploma Rates by type | Your School's Score (▼) | Your School Relative to Peer Horizon: | Peer Min | Peer Max | Your School Relative to City Horizon: | City Min | City Max |
|---|---|---|---|---|---|---|---|
| 4-year graduation rate: | 74.4% | -9.8% | 76.7% | 100.0% | 63.7% | 29.5% | 100.0% |
| 4-year weighted diploma rate: | 170.7% | 37.6% | 136.3% | 227.9% | 79.7% | 9.4% | 211.9% |
| 6-year graduation rate: | 89.7% | 29.4% | 85.4% | 100.0% | 77.3% | 54.5% | 100.0% |
| 6-year weighted diploma rate: | 195.6% | 80.8% | 96.4% | 219.2% | 104.4% | 26.7% | 188.4% |
| Percentage of Grade 11 & 12 students taking the PSAT, SAT or ACT: | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

## Student Progress

**Comprises 55% of the Overall Score**

This Year's Score:
0.639 x 55 = **35.2**

| Credit Accumulation | Your School's Score (▼) | Your School Relative to Peer Horizon: | Peer Min | Peer Max | Your School Relative to City Horizon: | City Min | City Max |
|---|---|---|---|---|---|---|---|
| Percentage earning 10+ credits in first year: | 85.4% | 65.9% | 57.2% | 100.0% | 81.5% | 21.1% | 100.0% |
| Percentage earning 10+ credits in second year: | 85.4% | 68.0% | 54.3% | 100.0% | 81.3% | 22.0% | 100.0% |
| Percentage earning 10+ credits in third year: | 76.5% | 56.4% | 46.0% | 100.0% | 71.6% | 19.4% | 99.1% |
| Avg Change in PSAT Scores: | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Average Completion Rate for remaining Regents: | 51.7% | 57.4% | 17.3% | 77.1% | 96.5% | 0.0% | 53.5% |
| **Weighted Regents Pass Rate** | | | | | | | |
| English: | 0.98 | 50.3% | 0.76 | 1.21 | 68.0% | 0.31 | 1.3 |
| Mathematics: | 1.28 | 61.4% | 0.9 | 1.52 | 81.7% | 0.31 | 1.5 |
| Science: | 1.48 | 78.8% | 0.85 | 1.65 | 87.1% | 0.22 | 1.67 |
| United States History: | 0.94 | 29.5% | 0.81 | 1.26 | 61.6% | 0.26 | 1.36 |
| Global History: | 1.0 | 47.5% | 0.71 | 1.33 | 68.1% | 0.08 | 1.44 |
| **In School's Lowest Third** | | | | | | | |
| English: | 0.92 | 48.0% | 0.5 | 1.38 | 66.4% | 0.05 | 1.37 |
| Mathematics: | 1.58 | 69.9% | 0.7 | 1.95 | 97.3% | 0.0 | 1.62 |
| Science: | 2.04 | 80.7% | 0.48 | 2.41 | 116.0% | 0.0 | 1.75 |
| United States History: | 0.88 | 32.0% | 0.6 | 1.48 | 56.1% | 0.0 | 1.57 |
| Global History: | 0.96 | 44.5% | 0.47 | 1.57 | 70.8% | 0.0 | 1.35 |



(–) Indicates fewer than 20 students.