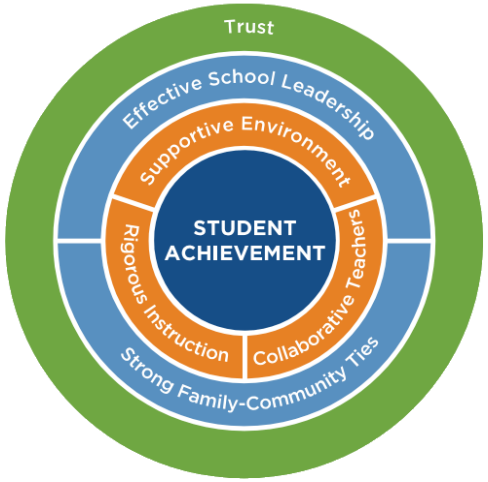
# 2014-15 School Quality Snapshot / HS

www.citypolyhs.org

# City Polytechnic High School Of Engineering, Architecture, And Technology (13K674)

## Framework for Great Schools

Research shows that schools strong in the six areas are far more likely to improve student learning.




| | |
|---|---|
| Rigorous Instruction | |
| Collaborative Teachers | |
| Supportive Environment | |
| Effective School Leadership | |
| Strong Family-Community Ties | |
| Trust | |
| **Student Achievement** | |

**KEY:**
Excellent | Good | Fair | Poor

## School Overview

City Polytechnic High School of Engineering, Architecture, and Technology is committed to a school community where each member accepts responsibility for the learning, academic achievement, and social and cultural development of all students. We are a CTE Early College school under the 9 - 14 P-Tech model, centered on preparing our students for college and professional careers in Construction Management, Civil Engineering Technology, and Architectural Technology. Students take courses that are developed and co-taught by college professors at CUNY's New York City College of Technology (City Tech) and participate in numerous internship opportunities. After meeting college-ready benchmarks in English Language Arts and Math, our students are offered the unique opportunity to attend City Tech at no cost to earn an Associate Degree in Construction Management, Civil Engineering Technology, or Architectural Technology.

## General Information

Principal: Yusuf Muhammad
Grades served: 09,10,11,12,SE
Enrollment: 458
Average SAT: 1407/2400
Shared Space: Yes
Admissions methods: Limited Unscreened

**Student Demographics**
Asian: 7% | Black: 70% | Hispanic: 20% | White: 3%
English Language Learners: 2%
Student with Special Needs: 21%

**Staff Experience**
Years of principal experience at this school: 1.8
% of teachers with 3 or more years of experience: 73%

**Attendance**
Student Attendance: 88% | Students Chronically Absent: 36%
Teacher Attendance: 97%

105 Tech Place
Brooklyn, NY 11201
718-875-1473

## Activities, Sports, and Arts

**76%** of students feel that this school offers a wide enough variety of programs, classes, and activities to keep them interested in school

**Extracurricular Activities**
Robotics, Scholars HOOP, Scholars SPEAK, Audio Engineering Club, City Poly Brothers United, Hip Hop 4 Life, Photography Club, Student Government Association, Academic Enrichment, Peer Tutoring, Yearbook Club, Cheerleading, ScriptEd Coding

**PSAL Sports**
**Boys:** Baseball, Basketball, Bowling, Handball, Indoor Track, Outdoor Track, Soccer, Tennis
**Girls:** Basketball, Handball, Softball, Volleyball

**Co-Ed:** Double Dutch

**Arts Classes**
Music Theory / Musicianship, Playwriting, Architecture

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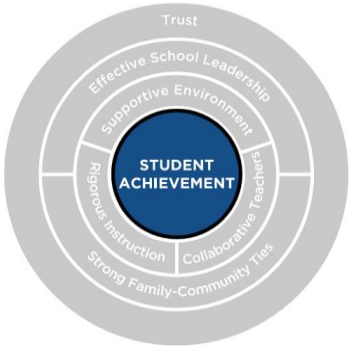


[1] College or career preparatory courses and exams (number of students successfully completing out of 124 seniors):

| | |
|---|---|
| College Credit Course | (87) |
| Technical Assessment | (24) |
| CTE Diploma | (24) |
| Chemistry Regents | (22) |
| Associate Degree | (14) |
| Algebra II Regents | (9) |
| Physics Regents | (3) |

## Student Achievement

This section presents information on the progress towards graduation, graduation rates, college and career readiness, and postsecondary options pursued by students at this school.

### Progress Toward Graduation

**Credits**

**94%**
earned enough credits in 9th grade to be on track for graduation

City: 84%
Borough: 83%
Comparison Group*: 81%

**93%**
earned enough credits in 10th grade to be on track for graduation

City: 79%
Borough: 79%
Comparison Group*: 80%

**Regents**

How well does this school help students improve from their incoming proficiency levels and pass Regents exams?

English
Mathematics
Science
Social Studies

### Graduation

**4-Year**

**89%**
graduated within four years

City: 70%
Borough: 70%
Comparison Group*: 82%

**6-Year**

**94%**
graduated within six years

City: 76%
Borough: 75%
Comparison Group*: 85%

At this school, how did students from different starting points in 8th grade perform in high school?

| Starting Point (8th grade level) | High School Outcomes: Graduated in 4 yrs | | College ready | |
|---|---|---|---|---|
| | School | City | School | City |
| Level 3 or 4 | 100% | 95% | 100% | 86% |
| Level 2 | 92% | 81% | 68% | 32% |
| Level 1 | 78% | 47% | 35% | 4% |

**Closing the Achievement Gap**

How well did this school help different groups of students graduate in four years?

| | |
|---|---|
| English Language Learners | N/A |
| Students with Special Needs | |
| City's Lowest Performing Students | |

*The citywide graduation rates are projected numbers, subject to correction by the New York State Education Department.*

### College and Career Readiness

**73%**
successfully completed approved college or career preparatory courses and assessments[1]

City: 46%
Borough: 47%
Comparison Group*: 59%

**61%**
graduated college ready (met CUNY's standards for avoiding remedial classes)

City: 35%
Borough: 34%
Comparison Group*: 42%

**56%**
graduated from high school and enrolled in college or other postsecondary program within 6 months

City: 53%
Borough: 53%
Comparison Group*: 53%

Postsecondary options that students from this school pursued:

| | |
|---|---|
| 33% | CUNY (City University of New York) - 4 yr |
| 4% | CUNY (City University of New York) - 2 yr |
| 2% | New York State Public |
| 0% | New York State Private |
| 5% | Out of State |
| 0% | Other |

**KEY:**

Excellent
Good
Fair
Poor

***Comparison Group** is made up of students from other schools across the city who were the most similar to the students at this school, based on their incoming test scores, disability status, economic need, and over-age status. Comparing the school's result to the "comparison group" result provides insight on how well the school is helping its students in light of their starting points and the challenges that they face.

The section ratings are based on more information than what is included in this summary report. For more information, please see: http://schools.nyc.gov/Accountability

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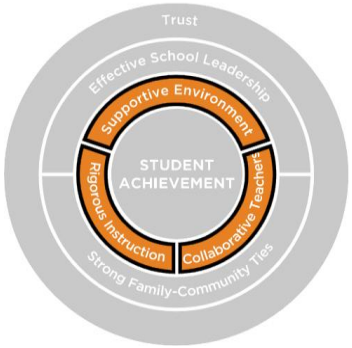


[1] **Quality Review**
Ratings from an experienced educator who visited and evaluated the school on March 17, 2015

[2] **Survey Response Rates**

Teachers: 100%
Parents: 51%
Students: 92%

**KEY:**

Excellent
Good
Fair
Poor

## Rigorous Instruction

Curriculum and instruction are designed to engage students, foster critical thinking skills, and are aligned to the Common Core.

**Quality Review [1]**

How interesting and challenging is the curriculum?

How effective is the teaching and learning?

How well does the school assess what students are learning?

**Survey [2]**

**83%**

responded positively to questions about Rigorous Instruction

City: 85%
Borough: 86%

**Selected Questions**

77% of students say that they learn a lot from feedback on their work (City: 84%)

88% of students know what their teacher wants them to learn in class (City: 90%)

61% of teachers say that students build on each other's ideas during class discussions (City: 78%)

## Collaborative Teachers

Teachers participate in opportunities to develop, grow, and contribute to the continuous improvement of the school community.

**Quality Review**

How well do teachers work with each other?

**Survey**

**71%**

responded positively to questions about Collaborative Teachers

City: 86%
Borough: 87%

**Selected Questions**

67% of teachers say that they work together to design instructional programs (City: 91%)

61% of teachers say that they have opportunities to work productively with colleagues in their school (City: 85%)

75% of teachers say that they feel responsible that all students learn (City: 89%)

## Supportive Environment

The school establishes a culture where students feel safe, challenged to grow, and supported to meet high expectations.

**Quality Review**

How clearly are high expectations communicated to students and staff?

**Less Restrictive Environment**

Movement of students with special needs to less restrictive environments

**Survey**

**80%**

responded positively to questions about Supportive Environment

City: 83%
Borough: 82%

**Selected Questions**

84% of students feel safe in the hallways, bathrooms, locker room, and cafeteria (City: 84%)

66% of students say that teachers notice when they are upset or having emotional difficulty (City: 71%)

79% of students say that this school supports students in navigating the post-secondary process (City: 82%)

The section ratings are based on more information than what is included in this summary report. For more information, please see: http://schools.nyc.gov/Accountability

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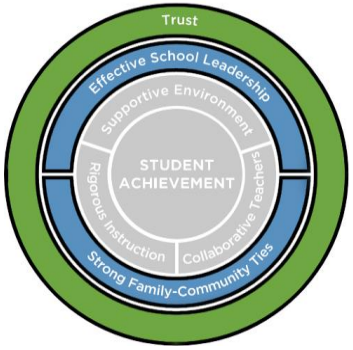


## Effective School Leadership

School leadership inspires the school community with a clear instructional vision and effectively distributes leadership to realize this vision.

**Survey [2]**

**69%**

responded positively to questions about Effective School Leadership

City: 82%
Borough: 82%

**Selected Questions**

72% of teachers say that the principal communicates a clear vision for this school (City: 86%)

58% of teachers say that curriculum and instruction are well coordinated across different grade levels (City: 82%)

94% of parents feel that the principal works to create a sense of community in the school (City: 89%)

## Strong Family-Community Ties

The school forms effective partnerships with families and outside organizations to improve the school.

**Survey**

**76%**

responded positively to questions about Strong Family-Community Ties

City: 75%
Borough: 77%

**Selected Questions**

89% of parents say that school staff regularly communicate with them about how the staff can help their children learn (City: 88%)

90% of parents feel that teachers try to understand families' problems and concerns (City: 90%)

77% of teachers say that teachers at this school work closely with families to meet students' needs (City: 91%)

## Trust

Relationships between administrators, educators, students, and families are based on trust and respect.

**Survey**

**82%**

responded positively to questions about Trust

City: 89%
Borough: 89%

**Selected Questions**

58% of teachers say that they trust the principal (City: 82%)

74% of teachers say that they trust each other (City: 87%)

91% of parents say that school staff work hard to build trusting relationships with them (City: 91%)

81% of students say that teachers treat them with respect (City: 86%)

**Additional Information**

This report is intended to provide a useful summary of school information, but it does not cover everything.

To learn more, parents are encouraged to review additional resources, such as the School Directory, the School Quality Guide, the Quality Review, and the NYC School Survey, and to speak with members of the school community.

**[2] Survey Response Rates**

Teachers: 100%
Parents: 51%
Students: 92%

**KEY:**

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Good
Fair
Poor

For more information on this document: #http://schools.nyc.gov/NR/rdonlyres/7A334DFB-D6DD-4740-A849-E2B01B628BA6/0/SnapshotFamilyGuideHS2015.pdf#

School Quality Guide: http://schools.nyc.gov/OA/SchoolReports/2014-15/School_Quality_Guide_2015_HS_K674.pdf
Quality Review: http://schools.nyc.gov/OA/SchoolReports/2014-15/Quality_Review_2015_K674.pdf
NYC School Survey: http://schools.nyc.gov/OA/SchoolReports//2014-15/Survey_2015_K674.pdf
NYC School Directory: http://schools.nyc.gov/ChoicesEnrollment/High/Directory/school/?sid=7891