City Polytechnic High School of Engineering, Architecture, and Technology (13K674)
2016–17 School Quality Snapshot / High School

NYC Department of Education
Carmen Fariña, Chancellor

General Information

www.citypolyhs.org
Principal: Judie Hartmann
Grades served: 09,10,11,12,SE
Enrollment: 449
Average SAT: 887/1600
Shared Space: Yes
Admissions methods: Limited Unscreened

Student Demographics
Asian: 6% | Black: 71% | Hispanic: 17% | White: 3%
English Language Learners: 2%
Student with Special Needs 18%

Staff Experience
Years of principal experience at this school: 0.9
% of teachers with 3 or more years of experience: 60%

Attendance
Student Attendance: 89% (City: 89%)
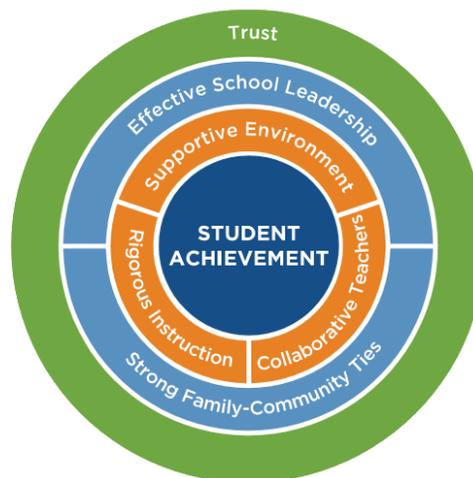Students Chronically Absent: 27% (City: 31%)
Teacher Attendance: 96%

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

Trust
Effective School Leadership
Supportive Environment
Rigorous Instruction
Collaborative Teachers
Strong Family-Community Ties
STUDENT ACHIEVEMENT

Rigorous Instruction	Good
Collaborative Teachers	Good
Supportive Environment	see page 3
Effective School Leadership	Good
Strong Family-Community Ties	Good
Trust	Good

Student Achievement — Good

KEY:
Excellent | Good | Fair | Poor

School Overview

Each member of our community 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 that prepares our students for college and 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 internship opportunities. After meeting college-ready benchmarks, our students attend City Tech at no cost to earn an Associate Degree in Construction Management, Civil Engineering Technology, or Architectural Technology.

Activities, Sports, and Arts

N/A of students feel that this school offers a wide enough variety of programs, classes, and activities to keep them interested in school (City: 74%)

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
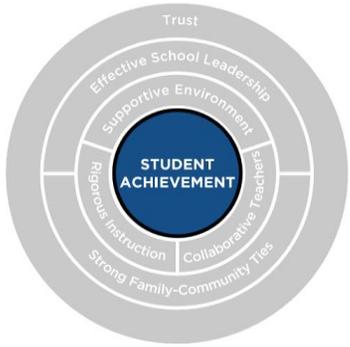
Co-Ed: Double Dutch

Arts Classes
Theater / Play Production, Playwriting, Graphic Design
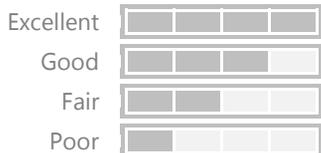
105 Tech Place
Brooklyn NY 11201

718-875-1473

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STUDENT ACHIEVEMENT
(Trust · Effective School Leadership · Supportive Environment · Rigorous Instruction · Collaborative Teachers · Strong Family-Community Ties)

[1] College or career preparatory courses and exams (number of students successfully completing out of 105 seniors):

College Credit Course	(45)
Chemistry Regents	(11)
Technical Assessment	(5)
CTE Diploma	(4)

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

KEY:

Excellent	▮▮▮▮
Good	▮▮▮
Fair	▮▮
Poor	▮

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

60%
earned enough credits in 9th grade to be on track for graduation

Comparison Group*: 82%
Borough: 85%
City: 85%

64%
earned enough credits in 10th grade to be on track for graduation

Comparison Group*: 87%
Borough: 81%
City: 82%

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

English	▮▮▮	Social Studies	▮
Algebra	▮▮	Living Environment	▮▮

Graduation

4-Year

87%
graduated within four years

Comparison Group*: 87%
Borough: 74%
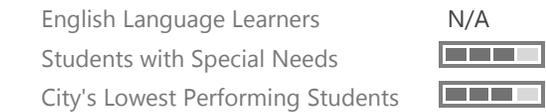City: 74%

6-Year

98%
graduated within six years

Comparison Group*: 91%
Borough: 79%
City: 78%

Over the past two years, how did seniors from different starting points in 8th grade perform at this school?

Starting Point (8th grade level)	High School Outcomes			
	Graduated in 4 yrs		College ready	
	School	Comp Group*	School	Comp Group*
Level 3 or 4	93%	96%	87%	87%
Level 2	85%	91%	45%	47%
Level 1	79%	75%	19%	16%

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	▮▮▮

College and Career Readiness

45%
successfully completed approved college or career preparatory courses and exams. [1]

Comparison Group*: 59%
Borough: 48%
City: 49%

44%
graduated college ready (met CUNY's standards for avoiding remedial classes)

Comparison Group*: 52%
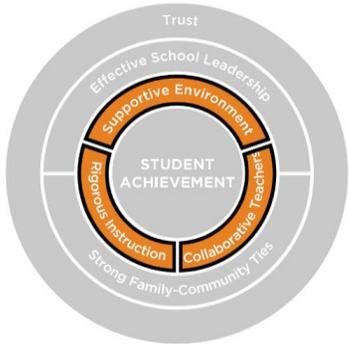Borough: 46%
City: 47%

77%
graduated from high school and enrolled in college or other postsecondary program within 6 months

Comparison Group*: 71%
Borough: 56%
City: 57%

Postsecondary options pursued by students from this school:

59%	CUNY (City University of New York) - 4 yr
4%	CUNY (City University of New York) - 2 yr
2%	New York State Public
2%	New York State Private
7%	Out of State
3%	Other

***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. The "comparison group" result is an estimate of how the students at this school would have performed if they had attended other schools throughout the city.
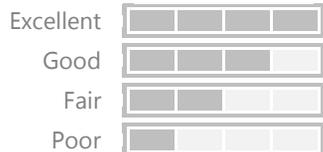
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¹ Quality Review

Ratings from an experienced educator who visited and evaluated the school December 2016

² Survey Response Rates

Teachers:	89%	(25)
Parents:	27%	(114)
Students:	0%	(0)

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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

82%
responded positively to questions about Rigorous Instruction

Borough: 79%
City: 79%

Selected Questions

N/A of students say that they learn a lot from feedback on their work (City: 64%)

N/A of students know what their teacher wants them to learn in class (City: 79%)

65% of teachers say that students build on each other's ideas during class discussions (City: 64%)

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?
▮▮▮

How well are teachers developed and evaluated?
▮▮▮

Survey

88%
responded positively to questions about Collaborative Teachers

Borough: 83%
City: 83%

Selected Questions

88% of teachers say that teachers at this school work together to design instructional programs (City: 86%)

92% of teachers say that they have opportunities to work productively with colleagues in their school (City: 85%)

92% of teachers say that teachers feel responsible that all students learn (City: 87%)

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?
▮▮▮

How safe and inclusive is the school?
▮▮▮

Less Restrictive Environment

Movement of students with special needs to less restrictive environments
▮▮▮

Survey

82%
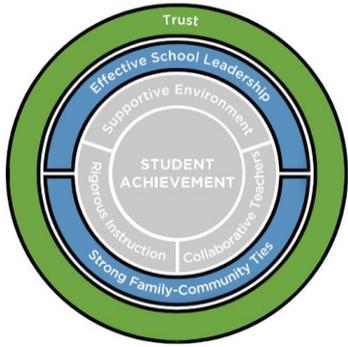responded positively to questions about Supportive Environment

Borough: 71%
City: 72%

Selected Questions

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

N/A of students say that teachers support them when they are upset (City: 49%)

N/A of students say that this school provides them with information about the college enrollment process (City: 87%)

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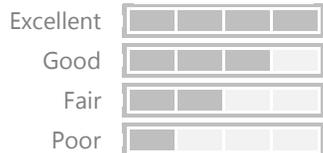Page 4

¹ Quality Review

Ratings from an experienced educator who visited and evaluated the school December 2016

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KEY:

Excellent
Good
Fair
Poor

Effective School Leadership

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

Quality Review ¹

How well are resources aligned to instructional goals?

How well does the school meet its goals?

How well does the school make decisions?

Survey ²

95%

responded positively to questions about Effective School Leadership

Borough: 87%
City: 85%

Selected Questions

100% of teachers say that the principal communicates a clear vision for this school (City: 85%)

88% of teachers say that curriculum, instruction, and learning materials are well coordinated across different grade levels (City: 81%)

94% of parents feel that the principal works to create a sense of community in the school (City: 93%)

Strong Family-Community Ties

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

Quality Review

How well does the school partner with families?

Survey

81%

responded positively to questions about Strong Family-Community Ties

Borough: 85%
City: 83%

Selected Questions

81% of parents say that school staff regularly communicate with them about how parents can help their child learn (City: 87%)

85% of parents say that they have communicated with their child's teacher about their child's performance (City: 83%)

72% of teachers say that teachers at this school work closely with families to meet student needs (City: 88%)

Trust

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

Survey

94%

responded positively to questions about Trust

Borough: 88%
City: 87%

Selected Questions

100% of teachers say that they trust the principal (City: 80%)

92% of teachers say that they trust each other (City: 85%)

86% of parents say that school staff work hard to build trusting relationships with them (City: 91%)

N/A of students say that teachers treat them with respect (City: 88%)

Additional Information: This report provides a summary of school information; to learn more, parents are encouraged to review the resources listed below and speak with members of the school community. For an explanation of this document, see the Family Guide.

School Quality Guide, including NYC School Survey: tools.nycenet.edu/guide/2017/#dbn=13K674&report_type=HS

Quality Review: schools.nyc.gov/OA/SchoolReports/2016-17/Quality_Review_2017_K674.pdf

NYC School Finder: schoolfinder.nyc.gov/#/schools/13K674

School Performance Dashboard: tools.nycenet.edu/dashboard/#dbn=13K674&report_type=HS