

# Pathways in Technology Early College High School (P-Tech) (17K122)

2016–17 School Quality Snapshot / High School

## General Information

[www.ptechnyc.org](http://www.ptechnyc.org)

Principal: Rashid Davis  
Grades served: 09,10,11,12,SE  
Enrollment: 573  
Average SAT: 821/1600  
Shared Space: Yes  
Admissions methods: Limited Unscreened

## Student Demographics

Asian: 3% | Black: 86% | Hispanic: 10% | White: 1%  
English Language Learners: 1%  
Student with Special Needs 16%

## Staff Experience

Years of principal experience at this school: 6  
% of teachers with 3 or more years of experience: 92%

## Attendance

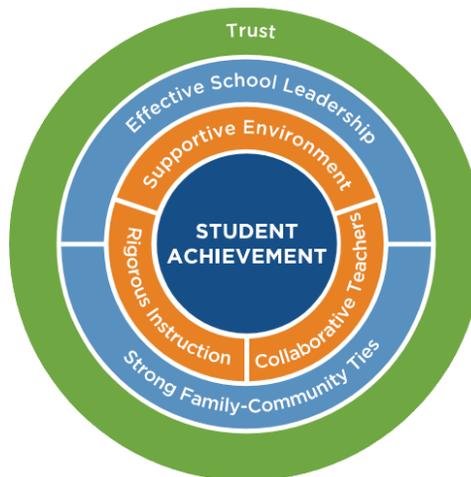
Student Attendance: 93% (City: 89%)  
Students Chronically Absent: 19% (City: 31%)  
Teacher Attendance: 97%

## School Overview

At Pathways in Technology Early College High School (P-TECH), students drawn to future careers in information technology (IT), computers, engineering, math, and science receive individualized support in preparing for and securing an entry-level position in the highly competitive IT industry. As a founding partner of the school, IBM (and other corporations) will provide all students with internship and training opportunities, exposing them to real-world technology careers. In addition, P-TECH students are able to earn an Associate degree or up to two years of college credit from CUNY's New York City College of Technology-at no cost-while still in high school.

## Framework for Great Schools

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



### KEY:



## Activities, Sports, and Arts

**77%** 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

National Honor Society, National Society of Black Engineers, Society of Hispanic Professional Engineers

### PSAL Sports

**Boys:** Baseball, Basketball, Cross Country, Handball, Indoor Track, Outdoor Track, Soccer, Tennis

**Girls:** Basketball, Cross Country, Indoor Track, Outdoor Track

**Co-Ed:** N/A

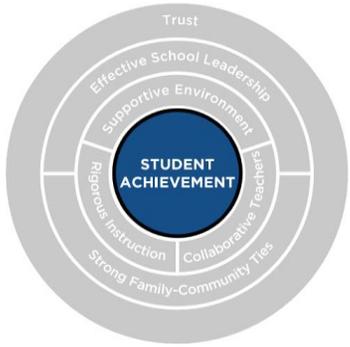
### Arts Classes

Computer Art / Digital Art, Visual Art



150 Albany Avenue  
Brooklyn NY 11213

718-221-1593

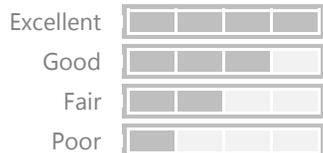


<sup>1</sup> College or career preparatory courses and exams (number of students successfully completing out of 87 seniors):

- College Credit Course (64)
- Physics Regents (10)
- Associate Degree (10)
- Algebra II Regents (3)
- Chemistry Regents (1)
- Technical Assessment (1)

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

### KEY:



## 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

**93%**

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

Comparison Group\*: 81%  
Borough: 85%  
City: 85%

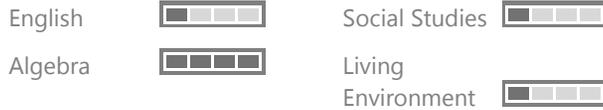
**85%**

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

Comparison Group\*: 79%  
Borough: 81%  
City: 82%

#### Regents

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



### Graduation

#### 4-Year

**81%**

graduated within four years

Comparison Group\*: 82%  
Borough: 74%  
City: 74%

#### 6-Year

**93%**

graduated within six years

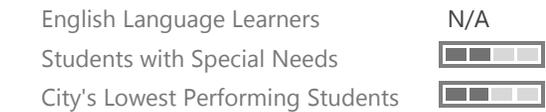
Comparison Group\*: 90%  
Borough: 79%  
City: 78%

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                     | 100%                 | 95%         | 100%          | 85%         |
| Level 2                          | 74%                  | 90%         | 69%           | 49%         |
| Level 1                          | 62%                  | 73%         | 42%           | 13%         |

### Closing the Achievement Gap

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



### College and Career Readiness

**75%**

successfully completed approved college or career preparatory courses and exams.<sup>1</sup>

Comparison Group\*: 51%  
Borough: 48%  
City: 49%

**67%**

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

Comparison Group\*: 45%  
Borough: 46%  
City: 47%

**68%**

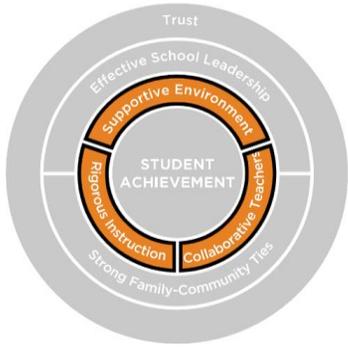
graduated from high school and enrolled in college or other postsecondary program within 6 months

Comparison Group\*: 64%  
Borough: 56%  
City: 57%

Postsecondary options pursued by students from this school:

- 53% CUNY (City University of New York) - 4 yr
- 1% CUNY (City University of New York) - 2 yr
- 5% New York State Public
- 1% New York State Private
- 4% Out of State
- 5% 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.



**1 Quality Review**

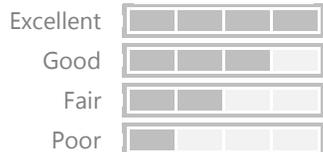
Ratings from an experienced educator who visited and evaluated the school May 31, 2016

**2 Survey Response Rates**

Teachers: 96% (26)  
Parents: 73% (409)  
Students: 53% (289)

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

**KEY:**



**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**

**84%**

responded positively to questions about Rigorous Instruction

Borough: 79%  
City: 79%

**Selected Questions**

67% of students say that they learn a lot from feedback on their work (City: 64%)

84% of students know what their teacher wants them to learn in class (City: 79%)

85% 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?

N/A

**Survey**

**89%**

responded positively to questions about Collaborative Teachers

Borough: 83%  
City: 83%

**Selected Questions**

96% of teachers say that teachers at this school work together to design instructional programs (City: 86%)

96% of teachers say that they have opportunities to work productively with colleagues in their school (City: 85%)

96% 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?

N/A

**Survey**

**72%**

responded positively to questions about Supportive Environment

Borough: 71%  
City: 72%

**Selected Questions**

83% of students feel safe in the hallways, bathrooms, locker room, and cafeteria (City: 84%)

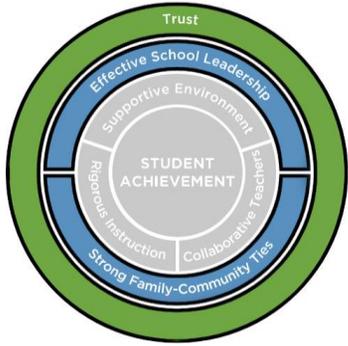
40% of students say that teachers support them when they are upset (City: 49%)

90% of students say that this school provides them with information about the college enrollment process (City: 87%)

**Less Restrictive Environment**

Movement of students with special needs to less restrictive environments





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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 <sup>1</sup>**

- How well are resources aligned to instructional goals?  
N/A
- How well does the school meet its goals?  
N/A
- How well does the school make decisions?  
N/A

**Survey <sup>2</sup>**

**94%**  
responded positively to questions about Effective School Leadership  
Borough: 87%  
City: 85%

**Selected Questions**

- 96% of teachers say that the principal communicates a clear vision for this school (City: 85%)
- 92% of teachers say that curriculum, instruction, and learning materials are well coordinated across different grade levels (City: 81%)
- 97% 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**

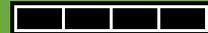
**89%**  
responded positively to questions about Strong Family-Community Ties  
Borough: 85%  
City: 83%

**Selected Questions**

- 94% of parents say that school staff regularly communicate with them about how parents can help their child learn (City: 87%)
- 84% of parents say that they have communicated with their child's teacher about their child's performance (City: 83%)
- 92% 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**

**92%**  
responded positively to questions about Trust  
Borough: 88%  
City: 87%

**Selected Questions**

- 96% of teachers say that they trust the principal (City: 80%)
- 96% of teachers say that they trust each other (City: 85%)
- 97% of parents say that school staff work hard to build trusting relationships with them (City: 91%)
- 84% 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=17K122&report\\_type=HS](http://tools.nycenet.edu/guide/2017/#dbn=17K122&report_type=HS)
- Quality Review: [schools.nyc.gov/OA/SchoolReports/2015-16/Quality\\_Review\\_2016\\_K122.pdf](http://schools.nyc.gov/OA/SchoolReports/2015-16/Quality_Review_2016_K122.pdf)
- NYC School Finder: [schoolfinder.nyc.gov/#/schools/17K122](http://schoolfinder.nyc.gov/#/schools/17K122)
- School Performance Dashboard: [tools.nycenet.edu/dashboard/#dbn=17K122&report\\_type=HS](http://tools.nycenet.edu/dashboard/#dbn=17K122&report_type=HS)