

Aviation Career & Technical Education High School (24Q610)

2016–17 School Quality Snapshot / High School

General Information

www.aviationhs.net

Principal: Steven Jackson

Grades served: 09,10,11,12,SE

Enrollment: 2114

Average SAT: 1049/1600

Shared Space: No

Admissions methods: Screened

Student Demographics

Asian: 34% | Black: 5% | Hispanic: 46% | White: 10%

English Language Learners: 3%

Student with Special Needs: 13%

Staff Experience

Years of principal experience at this school: 0.8

% of teachers with 3 or more years of experience: 88%

Attendance

Student Attendance: 97% (City: 89%)

Students Chronically Absent: 7% (City: 31%)

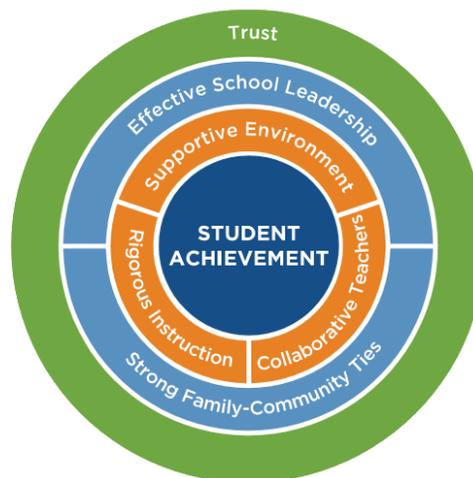
Teacher Attendance: 96%

School Overview

We provide a challenging and supportive environment for every student, from every background. Our state-endorsed CTE program provides a world-class education. This unique curriculum prepares students for success in college and allows them to earn Federal Aviation Administration (FAA) certification as Aircraft Maintenance Technicians, leading to exciting and lucrative careers in the aerospace industry. All members of our school community work to create a culture that instills respect and self-discipline to meet the demands of today's colleges, universities, and work force. Our world-renowned reputation for excellence reflects our tradition, mission, and commitment to our students' futures and the future of the aerospace industry.

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

Activities, Sports, and Arts

86% 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

AFJROTC, Air Traffic Control, Aircraft Structural Repair, Anime, Asian Club, Chess, Christian, Drama, Journalism, Key Club, Outdoors, Muslim Club, Aviation High School Band/Music, FIRST Robotics Team, Gay-Straight Alliance (GSA), Math Leaders, Mock Trial and Moot Court, National Honor and more...

PSAL Sports

Boys: Baseball, Basketball, Bowling, Cross Country, Handball, Indoor Track, Outdoor Track, Soccer, Tennis, Volleyball, Wrestling

Girls: Basketball, Indoor Track, Outdoor Track, Volleyball

Co-Ed: Cricket, Golf

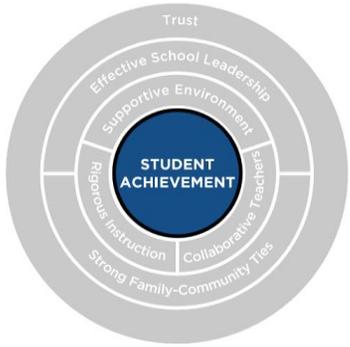
Arts Classes

Core Music, Graphic Design, Percussion



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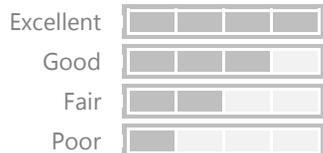


¹ College or career preparatory courses and exams (number of students successfully completing out of 646 seniors):

Algebra II Regents	(419)
Technical Assessment	(302)
Chemistry Regents	(300)
CTE Diploma	(297)
College Credit Course	(295)
Physics Regents	(218)
A.P. Calculus	(73)
A.P. US History	(60)
Other A.P. Exams	(45)
A.P. Government	(37)
A.P. Physics	(32)
A.P. English Language	(27)
A.P. English Literature	(25)

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:



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

97%

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

Comparison Group*: 93%
Borough: 87%
City: 85%

95%

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

Comparison Group*: 91%
Borough: 85%
City: 82%

Regents

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



Graduation

4-Year

97%

graduated within four years

Comparison Group*: 93%
Borough: 77%
City: 74%

6-Year

95%

graduated within six years

Comparison Group*: 94%
Borough: 80%
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	98%	97%	96%	92%
Level 2	96%	91%	80%	60%
Level 1	74%	72%	26%	19%

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	N/A
City's Lowest Performing Students	N/A

College and Career Readiness

86%

successfully completed approved college or career preparatory courses and exams.¹

Comparison Group*: 78%
Borough: 58%
City: 49%

90%

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

Comparison Group*: 78%
Borough: 54%
City: 47%

68%

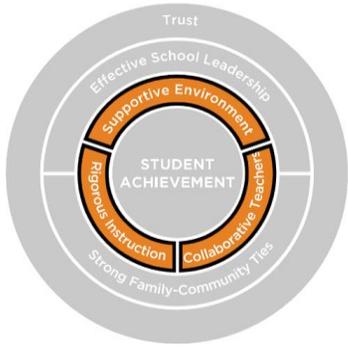
graduated from high school and enrolled in college or other postsecondary program within 6 months

Comparison Group*: 77%
Borough: 61%
City: 57%

Postsecondary options pursued by students from this school:

- 29% CUNY (City University of New York) - 4 yr
- 23% CUNY (City University of New York) - 2 yr
- 6% New York State Public
- 7% New York State Private
- 2% Out of State
- 2% 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

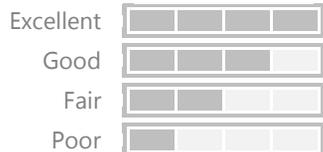
Ratings from an experienced educator who visited and evaluated the school May 6, 2015

2 Survey Response Rates

Teachers: 77% (103)
Parents: 14% (282)
Students: 91% (1890)

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:



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

81%

responded positively to questions about Rigorous Instruction

Borough: 80%
City: 79%

Selected Questions

69% of students say that they learn a lot from feedback on their work (City: 64%)

81% of students know what their teacher wants them to learn in class (City: 79%)

76% 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

82%

responded positively to questions about Collaborative Teachers

Borough: 83%
City: 83%

Selected Questions

84% of teachers say that teachers at this school work together to design instructional programs (City: 86%)

75% of teachers say that they have opportunities to work productively with colleagues in their school (City: 85%)

87% 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

79%

responded positively to questions about Supportive Environment

Borough: 73%
City: 72%

Selected Questions

91% of students feel safe in the hallways, bathrooms, locker room, and cafeteria (City: 84%)

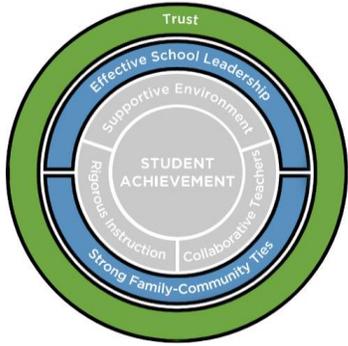
49% of students say that teachers support them when they are upset (City: 49%)

89% 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





¹ Quality Review

Ratings from an experienced educator who visited and evaluated the school May 6, 2015

² Survey Response Rates

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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?
N/A
- How well does the school meet its goals?
N/A
- How well does the school make decisions?
N/A

Survey ²

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

Selected Questions

- 87% of teachers say that the principal communicates a clear vision for this school (City: 85%)
- 79% of teachers say that curriculum, instruction, and learning materials are well coordinated across different grade levels (City: 81%)
- 95% 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: 83%
City: 83%

Selected Questions

- 86% of parents say that school staff regularly communicate with them about how parents can help their child learn (City: 87%)
- 79% of parents say that they have communicated with their child's teacher about their child's performance (City: 83%)
- 90% 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

87%
responded positively to questions about Trust
Borough: 87%
City: 87%

Selected Questions

- 88% of teachers say that they trust the principal (City: 80%)
- 74% 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%)
- 90% 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=24Q610&report_type=HS
- Quality Review: schools.nyc.gov/OA/SchoolReports/2014-15/Quality_Review_2015_Q610.pdf
- NYC School Finder: schoolfinder.nyc.gov/#/schools/24Q610
- School Performance Dashboard: tools.nycenet.edu/dashboard/#dbn=24Q610&report_type=HS