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## Our Program

In addition to the state required Regents courses in Math, Science, English, History and Foreign Language, we offer a unique, four-year architecture sequence aimed at providing students with specialized skills in the fields of architecture and engineering that will allow them to pursue careers in a continuously changing technological environment.

Year 1: Foundations of Architecture and Design I & II

Year 2: Architectural Drafting and Design I & II

Year 3: Architectural Building and Design I & II

Year 4: The Business of Architecture & Advanced Computer Design

Students who successfully complete the CTE sequence of coursework, and pass the AutoCad exam, will earn a CTE endorsement on their high school diploma and professional certification in Autodesk.



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## Extracurricular Activities

Student Government  
Yearbook Committee  
Art & Architecture Club  
Electrical Club  
Music Club  
Photography Club  
Skills USA  
Robotics Club  
Step/Dance Club  
Handball  
Boys' Baseball  
Girls' Softball  
Girls' Flag Football  
Indoor/Outdoor Track  
Boys'/Girls' Basketball  
Boys'/Girls' Volleyball



**Principal**  
Gill Cornell

**Assistant Principals**  
Maria Basilio  
Kimberley Bruno  
Giovanni D'Amato

For more information or to arrange a school visit, please contact our **Parent Coordinator, Ms. Chu** at **(718) 388-1260 x2273**

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# Williamsburg High School for Architecture & Design

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**257 N. 6th Street**  
**Brooklyn, NY 11211**  
**(718)-388-1260**  
**[www.whsad.org](http://www.whsad.org)**

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## What We Offer

Williamsburg High School for Architecture and Design (WHSAD) is a small, public high school located in the heart of one of New York City's most culturally invigorating neighborhoods. Our focus is on architectural drafting, computer-aided design (AutoCad), and design principles. Our hands-on approach to architecture, design, and the visual arts integrates college prep, internship experiences, and skills training throughout core academic disciplines, providing students with the education to succeed in the 21st century workplace. Partnerships with local businesses and apprenticeships provide students with job opportunities and internships with industry professionals. Students can earn a CTE-endorsed diploma in Architectural Drafting and CAD, and up to six college credits, upon graduation.



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## Our Partnerships

Our students are offered valuable experience in the fields of architecture and engineering through our **work-based learning program**. We have developed partnerships with several local institutions and companies. Our architecture and engineering students have the opportunity to work and gain practical experience in the operation and current trends of their chosen fields.



During summer 2018, WHSAD students served as **PAID** interns at the following organizations:

Athena Consulting Group  
Aurora Lampworks  
Green-Wood Cemetery  
Heritage Equity  
Mount Vernon Hotel Museum  
Neighborhood Preservation Center  
Office of Topography,  
Brooklyn Borough President  
Park Avenue Armory  
Silman  
World Monuments Fund

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## Who Should Apply to WHSAD?

At WHSAD, we believe that **ALL** students that work hard can achieve their dreams. Whether you are good at math, writing, history, art, science, technology and/or enjoy doing hands-on work, our program has something to offer you. Therefore, we welcome **ALL STUDENTS** to apply that have a strong desire to succeed and a particular interest in architecture, engineering, creative design and related fields.

## Our Graduates

WHSAD's 2017-2018 graduation rate was 98%. Past graduates have been accepted to many colleges and universities and have pursued a variety of programs within those schools. These universities include (but are not limited to):

*Alfred State College, The City College of NY: The Bernard & Anne Spitzer School of Architecture, The City College of NY: Grove School of Engineering, ALL CUNY Colleges, FIU, Howard University, Norfolk State University, Union College, Penn State, RIT, St. Francis College, St. Michael's College, Stony Brook University, SUNY Buffalo State, SUNY FIT, SUNY New Paltz, SUNY Oneonta, SUNY Oswego, University at Buffalo, Williams College, and many more...*



# WILLIAMSBURG HIGH SCHOOL for ARCHITECTURE AND DESIGN

September, 2018

Dear Prospective Parents:

High school selection is one of the milestones that both students and parents look forward to with anticipation and anxiety. New York City's Department of Education provides more options than any other city in the world, together with the resources and support needed to help you find the school that would be a good fit for your child. Attending the Citywide High School Fair is one opportunity to meet teachers, current students and other representatives from all high schools before making the choices.

To help you narrow your research, we have assembled this folder with some materials that highlight our school and unique program. Our mission is to provide students with a quality education that is geared toward future training in the preservation trades and related professions, such as architecture, conservation, engineering and city planning. Our program introduces important architectural concepts and skills, while providing students with valuable, marketable and unique skill sets to obtain employment or move on to higher education in historic preservation, architecture or related fields.

To accommodate parents' busy schedules, we will be holding several Open Houses on Saturday, September 29<sup>th</sup> from 11:00 A.M. to 1:00 P.M., Wednesday, October 3<sup>rd</sup> from 6:00 P.M. to 8:00 P.M., Thursday, October 18<sup>th</sup> from 6:00 P.M. to 8:00 P.M., and Saturday, October 27 from 11:00 A.M. to 1:00 P.M. These are great opportunities for us to showcase our unique program and for you to demonstrate your child's interest in our school.

Your active participation and effort in this selection process will ultimately shape your child's next four years and build the foundation for his/her next education endeavor. You have insight into your child's strengths, needs and interest and our goal is to help you explore the options and narrow the selection to fit your expectation. Hopefully our information session and tour will serve as a point of reference in your high school selection process.

If you have any questions or need alternative touring accommodations, please contact our Parent Coordinator, Ms. Chu at (718) 388-1260, Ext. 2273 or (646)678-1861, or email her at [Lchu4@schools.nyc.gov](mailto:Lchu4@schools.nyc.gov).

Sincerely,

WHSAD Recruitment Team

Gill Cornell, Principal

257 North Sixth Street • Brooklyn, New York 11211 • Tel: 718-388-1260 • Fax 718-486-2580

Redefining Career & Technical Education in New York City



## Williamsburg High School for Architecture and Design

# OPEN HOUSE

Come learn more about our school and our unique and engaging four-year course sequence with a focus in architectural drafting, design principles, and historic preservation.

Saturday, September 29<sup>th</sup> - 11:00 A.M. to 1:00 P.M.

or

Wednesday, October 3<sup>rd</sup> - 6:00 P.M. to 8:00 P.M.

or

Thursday, October 18<sup>th</sup> - 6:00 P.M. to 8:00 P.M.

or

Saturday, October 27<sup>th</sup> - 11:00 A.M. to 1:00 P.M.

A blue starburst graphic with multiple points, containing the text: 

**JUST ADDED!  
THURSDAY  
NOV 1<sup>ST</sup>  
6 PM-8 PM**

To schedule a private tour, please call our Parent Coordinator,  
Ms. Chu at (718) 388-1260, Ext. 2273 or (646) 678-1861

### Directions:

By Train: G to Metropolitan Avenue; L to Lorimer Street or Bedford

By Bus: B62, B39, B44, B46 or B59 stop near school

For more information, visit us at [www.whsad.org](http://www.whsad.org)



## FAQ's

### \* **Who should apply to WHSAD?**

At WHSAD, we believe that ALL students who work hard can achieve their dreams! Whether you are good at math, writing, history, art, science, technology, and/or enjoy doing hands-on work, our program has something to offer you. Therefore, we welcome ALL STUDENTS to apply that have a strong desire to succeed and a particular interest in architecture, engineering, creative design and related fields.

### \* **If I attend WHSAD, do I have to become an architect?**

Even though our students are exposed to architecture and design techniques and learn valuable skills through required coursework and internship opportunities, our students pursue a variety of careers and college programs post-graduation.

### \* **When do students start taking architecture classes?**

Students begin taking architecture classes in their freshman year.

### \* **What afterschool activities are offered at WHSAD?**

Each year students vote on what afterschool activities they would like WHSAD to offer. In the past, our students have participated in volleyball, basketball, handball, indoor track, student government, photography, art, architecture and electrical club.

### \* **How many students attend WHSAD?**

We are a community of 570, 9-12 graders. Our student to teacher ratio is 17:1.

### \* **What is your graduation rate?**

Our 2017-2018 graduation rate was 97.7%

### \* **What are the school hours?**

Our school day runs from 8:20 A.M. to 3:27 P.M.

### \* **Will WHSAD be having an Open House?**

Yes. We will be having Open Houses on the following days:

- Saturday, September 29<sup>th</sup> – 11:00 A.M. to 1:00 P.M.
- Wednesday, October 3<sup>rd</sup> – 6:00 P.M. to 8:00 P.M.
- Thursday, October 18<sup>th</sup> – 6:00 P.M. to 8:00 P.M.
- Saturday, October 27 – 11:00 A.M. to 1:00 P.M.



### \* **What if I cannot attend the Open House?**

That's okay. You can schedule a private tour at a time that is more convenient time. Please contact our Parent coordinator, Ms. Chu at (718) 388-1260, Ext. 2273 or (646) 678-1861 to schedule a visit.

### \* **Where is the school located and accessibility to public transportation?**

WHSAD is located in Williamsburg, Brooklyn on Roebling Street, between N 6<sup>th</sup> and N 7<sup>th</sup> streets. We are accessible by the following trains/buses:

- L train (Bedford or Lorimer stop) or the G train (Metropolitan stop)
- B39 to Broadway and Driggs Avenue
- B44 to Bedford Avenue and Broadway
- B59 to Grand Street and Driggs Avenue
- B62 to Bedford Avenue and North 7<sup>th</sup> Street



# School Quality Snapshot

## 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

**92%**

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

Comparison Group\*: 83%  
Borough: 85%  
City: 85%

**93%**

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

Comparison Group\*: 80%  
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

**95%**

graduated within four years

Comparison Group\*: 81%  
Borough: 74%  
City: 74%

#### 6-Year

**96%**

graduated within six years

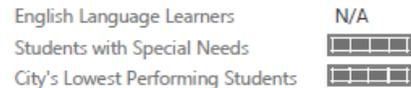
Comparison Group\*: 85%  
Borough: 79%  
City: 78%

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%	90%	82%
Level 2	99%	90%	65%	43%
Level 1	88%	67%	15%	9%

#### Closing the Achievement Gap

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



## WHSAD's Parents, Teachers and Students Agree:

	% Positive Responses	Citywide % Positive Response for High School
Rigorous Instruction	94%	80%
Supportive Environment	98%	69%
Collaborative Teachers	91%	79%
Effective School Leadership	96%	83%
Strong Family-Community Ties	94%	82%
Trust	97%	86%

For full survey: [http://schools.nyc.gov/OA/SchoolReports/2015-16/Survey\\_2016\\_K558.pdf](http://schools.nyc.gov/OA/SchoolReports/2015-16/Survey_2016_K558.pdf)

For full snapshot: [http://schools.nyc.gov/OA/SchoolReports/2016-17/School\\_Quality\\_Snapshot\\_2017\\_HS\\_K558.pdf](http://schools.nyc.gov/OA/SchoolReports/2016-17/School_Quality_Snapshot_2017_HS_K558.pdf)

## FOR MORE INFORMATION CONTACT

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Williamsburg H.S. for Architecture & Design  
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Brooklyn, NY 11211

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Email: [chu@whsad.org](mailto:chu@whsad.org)  
Website: [www.whsad.org](http://www.whsad.org)

**Redefining  
CTE in NYC**

Located in one of New York City's premier neighborhoods along the Brooklyn waterfront, Williamsburg High School for Architecture and Design (WHSAD for short) offers students a unique and engaging four-year course sequence with a focus in architectural drafting, design principles, and historic preservation. Our inter-disciplinary and hands-on approach to architecture, design, and the visual arts integrates internship experiences and skills training throughout core academic content areas. WHSAD students can earn a Career & Technical Education (CTE) endorsed diploma in Architectural Drafting & Design, and up to six college credits upon graduation from our program.

**ACADEMICS**

- Four-year Career & Technical Education (CTE) program: Architectural & Design
- Distinctive course of study that promotes both creative thought and technical proficiency.
- Coursework teaches marketable and unique skill sets that bolster student employability and college admissions.
- Paid internship opportunities with professional industry partners.
- Guidance-driven approach to support students' learning styles and academic goals.

**English Language Learner Programs:** English as a New Language

**Language Courses:** Spanish

**Advanced Placement (AP) Courses:** English Language and Composition, Environmental Science, Human Geography, Spanish, U.S. History

**Diploma Endorsements:** CTE, Math

**ACTIVITIES**

Students organize to establish clubs that interest them, such as: Architecture, Art & Design, Electrical Installation, Music, Photography, Woodworking, and Video Gaming. WHSAD invites students who make the honor roll to free incentive field trips after the end of an academic term, which in the past have included: basketball games at Barclays, bowling, ice skating at Prospect Park, rock-climbing, movie showings, and Broadway musicals. PSAL coordinates team sports offerings for WHSAD students.

**PSAL Sports—Boys:** Baseball, Basketball, Cross Country, Handball, Indoor Track, Outdoor Track, Volleyball

**PSAL Sports—Girls:** Basketball, Flag Football, Softball, Volleyball

**School Sports:** (NCAA Cleared) PSAL Boys: Baseball, Basketball, Cross Country, Handball, Indoor Track, Outdoor Track, Volleyball; PSAL Girls: Basketball, Flag Football, Softball, Tennis, Volleyball

**PERFORMANCE**

- **95%** of students graduate in four years
- **91%** student attendance
- **97%** of students feel that this school offers a wide enough variety of programs, classes, and activities to keep them interested in school
- **56%** of students enroll in college or career programs within 6 months
- **96%** of students feel safe in the hallways, bathrooms, locker room, and cafeteria

Search **14K558** at [schools.nyc.gov/accountability](https://schools.nyc.gov/accountability) for more about this school.

**PROGRAMS OFFERED**

**Architecture and Design**

Code: **K09X**

♡ Reach ♡ Target ♡ Likely

**Admissions Method:**

📄 Open

**Interest Area:** Architecture

**Program Description:** Students engage in a course of study that promotes creative thought and technical proficiency. Students learn the principles of design that articulate and defend their creative decisions. Students learn industry methodologies to draft, communicate, and render physical prototypes of their designs. This ability to both create and build makes our students highly desirable for paid internships with industry partners.

Priority given to students who are eligible for Free Lunch (based on family income) for up to **63%** of seats.

**Admissions Priorities:** ① Priority to Brooklyn students or residents—**93%** of offers went to this group ② Then to New York City residents—**7%** of offers went to this group

Prior Year Admissions	Seats	Seats Filled	Applicants	Applicants Per Seat
General Education	124	Yes	1,197	10
Students with Disabilities	26	Yes	249	10

**School Eligibility**

🍏 Open to all NYC residents (also check program eligibility)

**Neighborhood:** Williamsburg

**Address:** 257 North 6<sup>th</sup> Street, Brooklyn NY 11211

**Shared Space:** Yes

**Campus:** Harry Van Arsdale Educational Campus

**Subway:** 🟡 to Lorimer St; 🟠 to Bedford Ave

**Bus:** B24, B32, B39, B44, B44-SBS, B46, B48, B60, B62, Q54, Q59

WHSAD.org

chu@whsad.org

718-388-1260 | 718-486-2580 (fax)

**Accessibility:** Partially Accessible ♿ See section 8.1 for more information.

**Grades:** 9 to 12 | **Students:** 566

**Typical Schedule:** 8:20am-3:27pm

- College Trips
- Community School
- Community Service Expected
- Internship Expected
- Internships
- Online Grading System
- Student Parent Orientation
- Summer Internships



# Where Are They Now? WHSAD Alumni In College and Careers



Christina Delancy, WHSAD '15, currently attends SUNY College of Environmental Science in Syracuse, where she is majoring in Landscape Architecture. "My advice to current students is to take as many AP exams and free college courses as you can so that you can have those credits...when you reach college"

John Fermin, WHSAD '14, is in his 2nd year studying Civil Engineering at Queensborough Community College (QCC). John took advantage of the articulation agreement that WHSAD has with QCC and earned 6 college credits in Architecture upon graduation from WHSAD. John also works for Verizon through UNOC. He uses his knowledge of AutoCAD and blueprint reading to make sure contractors know if Verizon lines are involved in their projects. John says: "My favorite memories of WHSAD include working with AutoCAD in [Mr.] Codio's class and being mentored by Mr. D'Amato."



Mark Alston and Corbin Everett, WHSAD '15, are both finishing their second year as apprentices in Local 580 Ornamental Ironworkers. Since joining the union, they have been working on the construction of the Hudson Yards development, where Local 580 is responsible for all non-structural iron-work including window frames, railings, and staircases.

Mark says: "I have to get up at 4:30 every morning to be on the job site by 6am. Being late is not an option. Blueprint reading is not taught until the 3rd year, but I already know how to that because I learned it at WHSAD." Corbin says: "Being able to do math in my head is really important — like when using the surveyor's gun, which gives measurements in decimals, and converting them into feet and inches. The margin of error is only 3/16", so you have to be precise."

In addition to working at the job site, apprentices also take classes twice a week and have the opportunity to apply for college scholarships from the union to further their education and career.

## FOR MORE INFORMATION CONTACT

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Website: [www.whsad.org](http://www.whsad.org)

**Redefining  
CTE in NYC**



# High school partners with real estate developer to give teens chance to design buildings

By Lindsey Christ | January 25, 2018 @11:52 AM NY1

Designing the lobby of a swanky new hotel is a dream job for many architects; it's the same for Kaniyah Parris, a high school sophomore. "I decided that I wanted to be an architect when I grow up so I decided I should just do this project because it could give me more experience". Kaniyah and other students at Williamsburg High School for Architecture and Design spent months developing design proposals and blueprints for the first floor of the new Bushwick Hotel now rising on Siegel Street. The hotel developer Heritage Equity Partners sponsored the competition giving students the chance to create hypothetical designs for a real project.

Said Principal Gill Cornell: "It's real time; it's business. So they have deadlines, they have limits when they can and can't go on to the property itself to do measurements, to inspect it. They need to go online and find the right materials to order so it's much more intense than the classroom environment."

The teenagers did all the work after school and on weekends with an assist from teachers and volunteer architects. They used professional software to develop their proposals which they then pitched to Heritage.



"They spent a lot of time learning how to do these kinds of designs, how to accept that feedback and that critique and rather than be upset figure out how to make it better for the client because that's what you have to do in this industry" says Emily Wilson, Teacher and Work-Based Learning Coordinator.

Kaniyah, from East New York, had the winning pitch. Heritage officials were so impressed with her design that gave her five hundred dollars and celebrated with a party at their other hotel The Williamsburg. "I was super nervous the whole time, but the only thing they said was that I had to speak up rather than that everything else was perfect".

The competition is an annual project at the school. Most students at Architecture and Design come from low-income families and nearly a third have special needs, but over the past decade the school has built a robust program of paid internships, design competitions, and apprenticeships. Backed by an architecture curriculum, Wilson says "we want students to understand what it means to work in these fields so that when they're making decisions about college or jobs in the future they know what they're getting into". Kaniyah said she was surprised at how hard it was but now she's even more committed to becoming an architect. The school has been tracking its recent graduates and they say they've found that the students who participated in these internships and competitions in the real world have been by far their most successful graduates so it really does seem to work.

To watch the full clip go to: <http://www.ny1.com/nyc/all-boroughs/education/2018/01/25/high-school-partners-with-real-estate-developer-to-give-teens-chance-to-design-buildings.html> or <https://www.youtube.com/watch?v=fksm5eXfDJs>



# Architectural Drafting & Design Summer Internships

September 1, 2018 (Brooklyn, NY)

For the last 11 years, WHSAD students have continued their education over the summer, with rising 11th and 12th grade students successfully completing internships in the fields of architecture, engineering, design, and historic preservation. Since 2009, more than 200 WHSAD students have participated in paid internships, supported by the NYCDOE and private firms, throughout New York City. In 2018, WHSAD introduced a new partnership with Athena Consulting Group, a firm specializing in government relations and community outreach for large-scale public works projects.

Continuing partners in this year included:

- ◆ Green-Wood Cemetery, Brooklyn
- ◆ Silman, Manhattan
- ◆ World Monuments Fund, Manhattan
- ◆ Park Avenue Armory, Manhattan
- ◆ Topographical Bureau, Brooklyn BP's Office
- ◆ Mount Vernon Hotel Museum & Garden, Manhattan
- ◆ Northside Development/Heritage Equity, Brooklyn
- ◆ Neighborhood Preservation Center, Manhattan
- ◆ Aurora Lampworks, Brooklyn

This summer, WHSAD students in the Classes of 2019 and 2020 worked on diverse projects including: Reggie Huggins, Class of 2019, created office floor plans and wrote site reports for ongoing preservation projects at Silman Structural Engineers; Steven Collado and Lawrance Goodridge, both Class of 2019, researched historic artifacts at the Mount Vernon Hotel Museum and developed new tours for visiting school groups; and Mayerli Barzola, Class of 2020, helped manage social media at Neighborhood Preservation Center.

Through their internships, WHSAD students gain valuable insight into various job opportunities available within the fields of architecture, engineering, design, and preservation, while also building career skills that will be essential to them as they continue their education and prepare for the 21st Century workplace.



*Luis Gomez, Class of 2019, polishes a vintage chandelier for a private home during his internship at Aurora Lampworks.*



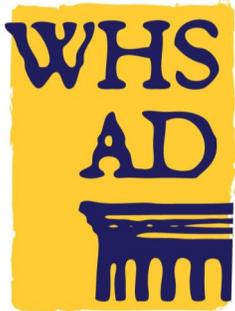
*Ariana Lowery, Class of 2020, works on research for Athena Consulting Group alongside CEO Laura Imperiale and Senior Partner Diana Reyna.*

## FOR MORE INFORMATION CONTACT

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Website: [www.whsad.org](http://www.whsad.org)

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# WHSAD Students Learn Custom Design and Manufacturing

June 26, 2018 (Brooklyn)

In the spring of 2014, WHSAD senior Taivon Edwards, was assigned an internship at Architectural Grille, as part of his participation in the Scholars at Work internship program. He was offered a part-time job after graduation, which he accepted, and he worked at AG while he attended classes at NYC College of Technology. Taivon was the first in a long line of students who have benefitted from the expertise and instruction offered by the professionals at Architectural Grille.

Beginning in the spring of 2015, WHSAD and Architectural Grille partnered to offer a unique afterschool class, during which students would learn the many steps of the custom manufacturing process. Students were given the opportunity to use their AutoCAD skills to create designs that would be printed on AG's CNC machines. Students then learned how apply different finishes to their projects, like powder-coating. In addition to HVAC grills, students were also able to create custom wall-hangings and other creative pieces.

Every year since, a new group of students has taken on this class, with each student creating his or her own individual pieces. Students have researched historic architectural styles to influence their designs, and presented their work to both WHSAD staff and industry professionals.

AG has continued their commitment to furthering the education of WHSAD students, including several more interns from the Scholars at Work program. Class of 2018 valedictorian, Zeal Patel, was hired as a part-time member of their design department following graduation from WHSAD.



*WHSAD students on their initial visit to Architectural Grille to see the types of pieces they could create.*



*Arabel Torres participated in the AG class during her senior year in 2016 and designed her own grille.*

## FOR MORE INFORMATION

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Website: [www.whsad.org](http://www.whsad.org)

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# WHSAD Students Develop Plan for “Flexible Home” to Aid in Disaster Relief

May 15, 2018 (Brooklyn)

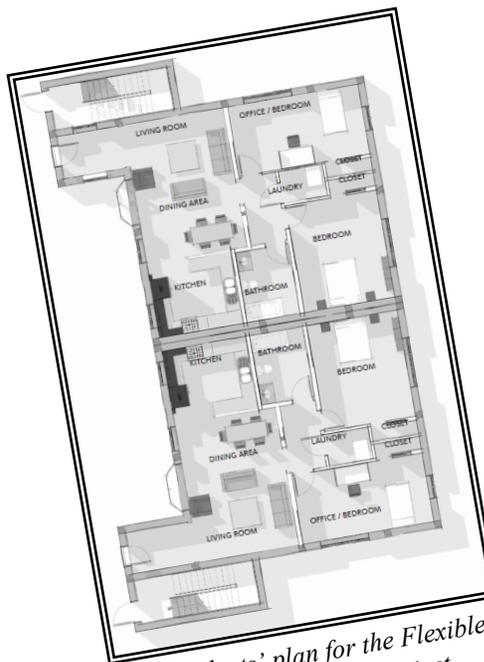
Since the school’s founding, WHSAD students have been active participants in the ACE Mentor Program, an after-school program that encourages students to consider careers in Architecture, Construction, and Engineering, while providing them with mentors across the industry and opportunities to collaborate with professionals and their peers on conceptual design projects. During the 2017-2018, nearly 30 WHSAD students were members of ACE Team 6, sponsored by Gensler, in conjunction with Turner Construction and other industry leaders.

After two successful afterschool collaborations with Gensler during the 2015-16 and 2016-17 school years, in the fall of 2017, WHSAD and Gensler partnered to encourage students to sign up for Team 6. By having a team made up nearly entirely of WHSAD students, they were able to work with their peers outside of the weekly mentoring sessions and could immediately apply the skills they were learning in the classroom.

The team decided in the fall to work on the “Flexible Home” project, with the goal to submit their design for the national CIRT (Construction Industry Round Table) competition. Together with their mentors, the students developed a plan for a flexible home that could be easily constructed in areas susceptible to natural disasters, using low-cost modular sustainable units that would be built with renewable resources. By providing modular housing for people affected by earthquakes and mudslides, the team’s designs were not only elegant, but also energy and cost-effective, and demonstrate the students’ commitment to both the environment and the residents’ quality of life.



*WHSAD members of Team 6 work together on their Flexible Home design during a mentoring session.*



*The students’ plan for the Flexible Home, as presented in their final project.*

## FOR MORE INFORMATION CONTACT

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Website: [www.whsad.org](http://www.whsad.org)

**Redefining  
CTE in NYC**



# WHSAD Students Present Design Proposals for Roosevelt Island Ruin

March 23, 2018 (Brooklyn)

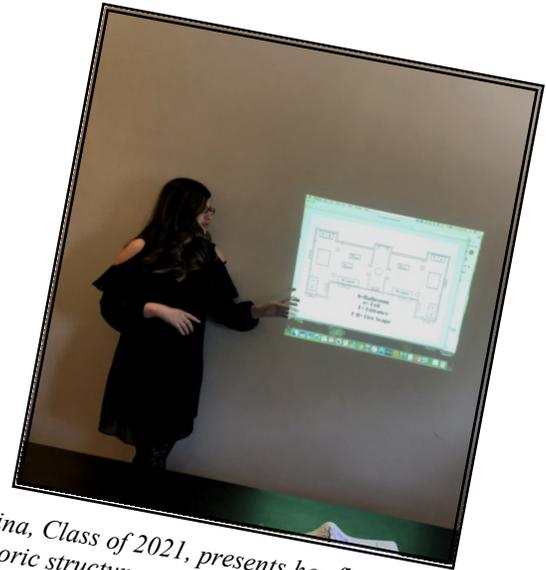
For the third year in a row, WHSAD students have had the opportunity to present their original architectural designs to leading architects, and receive professional feedback on their work.

Continuing a project that was started in 2016, members of the Architecture Club worked every week on adaptive reuse plans for the Smallpox Memorial Hospital, a landmark ruin on Roosevelt Island. Students were able to visit the site, take photos, and learn about the history of this building and its significance to the island and to New York City. They returned to school and created their own plans for how the space could be reimagined and repurposed for the 21st century, designing floorplans, elevations, and concept designs.

Students were invited to the office of Walter B. Melvin Architects, LLC, to present their projects this spring. Professionals from the firm were able to critique the students' work, and offer suggestions to improve and refine their designs.

Said 9th grader Alexa Medina:

"My fellow group members and I, and other members from other groups, shared our knowledge and our ideas for the future design of the ruin. We also got to hear opinions and feedback from real experts who have experienced presentations like ours, and who have more prior knowledge about the area that we are dealing with. I have to be very thankful to my teachers, in other words my mentors, for such opportunity because I and other designers would have known nothing about what to fix in our designs or what to add in our presentations or how to prepare for our next presentations."



*Alexa Medina, Class of 2021, presents her floor plan design for the historic structure.*



*This slide by Zeal Patel, Class of 2018, shows his plan for an elevation of the repurposed building.*

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# WHSAD Students Gain Hands-On Experience in Woodworking & Screenprinting

May 15, 2018 (Brooklyn)

Over the last five semesters, more than 30 WHSAD students have had the opportunity to engage in hands-on learning experiences afterschool, working directly with professionals and their teachers in the fields of woodworking and screenprinting.

Beginning in February 2016, and continuing each semester since, students have been taking classes at Makeville Studio, in Gowanus, Brooklyn. Supported and sponsored by Powerhouse Environmental Arts Foundation, six students and two teachers have spent approximately 30 hours each semester working on a targeted woodworking project: mallets, lamps, boxes, and stools. Students learned about the different tools used to create specific pieces and the various types of wood and finishes, while using their design principles to personalize their pieces.

Based on the success of the Makeville projects, Powerhouse connected WHSAD to Kingsland Printing, a print shop in Greenpoint, Brooklyn, and launched a similar class in the spring of 2018. Students learned the different machinery and design aspects involved in screenprinting, and were able to create their own poster and textile designs. One student, DeAndre Richards, Class of 2019, was hired to be a summer intern at Kingsland based on his exemplary work during the semester.

Says, Katie Dixon, Executive Director of Powerhouse Environmental Arts Foundation: "Working with WHSAD students and staff has been an amazing experience for Powerhouse. We have learned so much and look forward to developing our partnership in new ways."



*Students at Makeville Studio share the lamps they made after learning how to use the lathe.*



*Students at Kingsland Printing display their t-shirt designs.*

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# Brooklyn Daily Eagle

## High school interns uncover history at Green-Wood Cemetery

By Lilitana Bernal August 17, 2018

Ana C. Pierce was 25 years, six months and 15 days old when she died on Feb. 20, 1871 of albuminuria, a sickness that starves the bloodstream of protein and leads to kidney disease.

Pierce has since been buried in Green-Wood Cemetery. But for more than a century, her gravestone was sunken below ground, until this summer when Arthur Cambridge, 16, uncovered it and pieced her story together.

Cambridge is part of a group of eight interns from Williamsburg High School for Architecture and Design and the Mather Building Arts and Craftsmanship High School who, over five weeks, learned the art of restoration and preservation in Green-Wood Cemetery as part of the Career and Technological Education internship program.

Sponsored by Green-Wood with additional funding from the World Monuments Fund and the city Department of Education, the internship aims to introduce young people to the idea of restoration and preservation as a career.



Arthur Cambridge beside Ana C. Pierce's gravestone.  
Eagle photo by Lilitana Bernal

"I think the restoration is a fantastic field to be a part of, it really highlights the physical and tactile work that's done on memorial stones, architectural objects, et cetera, but there's also a really academic side of it as well," said Neela Wickremesinghe, who oversaw the internship and serves as Green-Wood's manager of Restoration and Preservation.



The group of interns at the internship's final presentation.  
Eagle photo by Lilitana Bernal

The class restored and stabilized 150 19th-century monuments and surfaced 47 gravestones on one of Green-Wood's public lots, an area with small, humble stones that were the most affordable to be buried with at the turn of the century.

Through the gravestones, epitaphs and cemetery archives, each student reconstructed the story of a specific burial. Cambridge chose Pierce's headstone, the first he uncovered, and found that the woman had lived at 146 Herkimer St. in Brooklyn, not far from where he lives now.

*Continued on back.*

“I was very surprised about the age because usually, you wouldn’t expect a young type of person to be buried in the cemetery,” Cambridge said.

Uncovering stones with epitaphs in German, French and English not only gave the students physical skills in preservation, but also allowed them to reflect the history of early immigration in Brooklyn.

The program culminated in a final presentation where the students summarized their preservation work and highlighted the stories of those they discovered.



# WHSAD Students Play at Yankee Stadium as Members of Van Arsdale Baseball Team

June 11, 2018 (Brooklyn)

On Monday, June 11th, the Van Arsdale Cardinals baseball team took on the Bathgate Bulldogs in the PSAL AA Baseball City Championship at Yankee Stadium. Both teams played well, and while Bathgate defeated Van Arsdale 6-1, the Cardinals' 2018 season is certainly one to be celebrated. WHSAD was represented on the campus team by three students: Seniors Isaiah Jimenez Brice and Christopher Maldonado, and Freshman Christian Centeno. Following graduation, Isaiah will attend Bryant & Stratton College in Virginia, and Christopher will attend Florida International University in Miami. Christian will return to WHSAD for his sophomore year, and work to return the Cardinals to the championship game next year.

Christopher also had the honor of being named the NY1 Scholar Athlete of Week for the week of May 20, 2018. Nominated by his VA baseball coach, Mr. Rotondi, Christopher was selected not only for his academic and athletic achievements, but also for his commitment to community service and his leadership in school and on the team. As a member of Jeter's Leaders, Christopher has traveled across the United States to promote service within the baseball community, volunteering to repair schools damaged by Hurricane Katrina and working at a food pantry in Chicago.

Says Christopher of his very successful high school career, and his future: "You can do whatever you want to do, as long as you put your mind to it. And, dreams really do come true."



*The VA Cardinals Baseball Team lines up before the City Championship game at Yankee Stadium.*



*Senior Christopher Maldonado, during the PSAL AA Baseball City Finals at Yankee Stadium.*

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June 7, 2018 - Several Brooklyn high school students presented a special gift to Broadway. Thanks to Williamsburg High School for Architecture and Design, students unveiled a mural they painted representing the musical *Once On This Island*, a show set in the Caribbean. The mural depicts some of the scenes. Many of the young artists are Haitian Americans and got to see the musical.

“We're trying to convey the beauty and cultural aspects of Haiti using all the tropical and the warm colors that we had”.

- Joseph Balbuena,  
*Class of 2019*



“It started a conversation between people and our school”. - Pia Moos, Teacher

The mural is on display at Circle in the Square Theatre. One cast member, Courtnee Carter, was overwhelmed when she saw it: “It really does represent the island and I love the little details like people working”.

To watch the full story go to: <http://newyork.cbslocal.com/video/category/sports-high-school-sports/3878400-brooklyn-students-paint-mural-honoring-broadway-musical/>  
or <https://www.youtube.com/watch?v=30hdiF69gbA>