

Stuyvesant Student Opportunity Bulletin #15S

December 13, 2024

Please note that in this “**Short**” version of the Student Opportunity Bulletin, only the *New* and *Deadline Approaching* opportunities in each category are included.

For the list of **all** the opportunities in each category, you may click & open the “**Long**” version of the Student Opportunity document you received.

Updated: Introducing The TomorrowToday Experience Directory: A new interactive resource for students and parents!

We are excited to announce the launch of the Stuyvesant Experience Directory powered by TomorrowToday. This digital companion to the weekly Student Opportunities Bulletin empowers students to more easily explore, find, and engage with the many diverse opportunities that are available in a more interactive way.

How Should Students Use It?

Students can access the directory via our weekly digital bulletin or at the link [here](#). Simply browse through the curated listings, find experiences that interest you, and take the next steps to participate on the provider's website. The user-friendly interface makes it easy to filter and search for specific opportunities.

We encourage all students to make the most of TomorrowToday's Experience Directory. Dive in, explore, and discover your career journey: <https://stuyvesant.tomorrowtodayapp.com/>

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This weekly bulletin informs students, parents, and staff about internships, academic programs, jobs, leadership & community service initiatives, and other student opportunities in a variety of fields. Please carefully note deadlines, age requirements, and other pre-requisites for participation.

For ease of use, these newsletters are organized by different categories, such as Academic Programs, Business Internships & Jobs, STEM Opportunities, Community Service, and so on.

These various opportunities utilize different formats. Some are in-person, some remote, and some will involve a hybrid arrangement. Check each program for their specific format and schedule. Students should consider applying to any that match their interests and talents.

Please note that in order to save space, many sections contain links to general lists of related opportunities- such as for Math, Community Service, STEM, and more; be sure to click on any links that interest you.

Here are several programs of note in this week's bulletin from various sections; some have rapidly-approaching deadlines:

BUSINESS: The NYC government-funded **Ladders for Leaders** paid summer internship program for students 16 and older is now open for applications.

Apex for Youth in lower Manhattan invites all students to their 12/18 after-school **business networking presentation/career panel** with financial professionals from Wellington Management, which will be followed by a holiday party! And

Breakthrough New York offers paid spring term tutoring spots in Manhattan & Brooklyn to current juniors & seniors.

COMMUNITY SERVICE: **Read 718** welcomes all students in the 10th grade or higher to serve as volunteer literacy tutors beginning in January and ending in late March. And the **Brooklyn Public Library's Virtual Tech Volunteer** program welcomes applications from all students interested in helping other New Yorkers with tech issues.

COLLEGE PREP: **S-Prep** is a college prep/STEM spring program offered by Columbia University, geared toward lower-income students – it meets on Saturdays from February – May. **OppNet** is a six-year free college support program for current sophomores who are lower-income or first-generation applicants.

STEM: The **Junior Academy** welcomes all 13-17 year-old applicants to their virtual STEM-focused program, which connects students to like-minded peers and scientific researchers from around the world. Their next program is focused on **public health**. And **MIT's Beaverworks** virtual spring computer science program is now accepting applications – some participants may be eligible for a summer component as well.

Questions, suggestions, and information about other opportunities are always welcome and appreciated, and may be sent to Internship/Opportunity Coordinator Harvey Blumm at: hblumm@stuy.edu - we will share your helpful information with the Stuy community!

Events of Interest to Students:

Event Approaching: Riverside Library Understanding FAFSA Talk

“The Free Application for Federal Student Aid (FAFSA) is undergoing some more changes this year. This virtual info talk with staff from The New School's Understanding FAFSA program will help students and their families understand the new developments in applying for this free government financial aid and additional resources to help fill out the application. This online event is open to teens and their families.”

Eligible: All students

Dates: Tuesday, December 17 (5:00pm - 6:00pm)

Location: Virtual

Application Deadline: **December 18**

Cost: Free

Links: <https://www.nypl.org/events/programs/2024/12/17/college-and-career-pathways-understanding-fafsa-applications-and-updates#register>
https://drive.google.com/file/d/1Iw_SviJZrBdqS_CTY4Xjy1xSx4H1iasE/view?usp=sharing

New: Apex for Youth Business Networking Event & Party

“Apex is excited to share our December Career Exploration event, taking place next Tuesday, December 17th from 4:30pm-6:30pm. This will be a networking focused

Career Panel & Holiday Party hosted by **Wellington Management** and will offer the opportunity for students to hear directly from professionals about how to build confidence in networking environments, followed by a holiday party!”

Eligible: All students

Date: **December 18** (2:30 – 4:30)

Location: 195 Chrystie Street; Room #200, Manhattan

Application Deadline:

Cost: Free

Link:

<https://docs.google.com/forms/d/e/1FAIpQLSe1ZZOJdfdVAwjNI98r06ughwaMcwduBhl4-RogFLpj0EVCIA/viewform>

Event Approaching: **New York Institute of Technology Business Bootcamp**

“NYIT School of Management is offering a free boot camp to prepare high school students for the business school experience. With college-level workshops taught by our expert faculty, students will get critical training they can add to their résumés and incorporate into both their academic and professional lives as they seek entry to college and the business world. Students may attend the workshops individually or attend all six sessions. Students who complete all bootcamp sessions will receive a certificate of completion from New York Tech School of Management.”

Eligible: All students

Dates: **December 18**, January 22, February 26 (7 to 8 pm)

Location: Virtual **OR** In-Person at New York Institute of Technology, 1855 Broadway, Manhattan

Cost: Free

Application Deadline: **Rolling Basis**

Link: https://www.nyit.edu/management/business_bootcamp

Next Event Approaching:

Riverside Library Virtual Teen 1 on 1 College/Career Counseling

“Do you want to go to college or start a new career? Need help with a job application or resume? Schedule a college/career counseling session with us. We will offer two 30-minute virtual counseling sessions.”

Eligible: All students

Dates: Thursday afternoons (4:00pm - 5:00pm)

Location: Bronx, Manhattan, Staten Island, or virtual

Cost: Free

Links: <https://calendly.com/nypcollegeandcareer>

https://drive.google.com/file/d/1yalO_PqGn3cfifo-piTtKLJfGF07qejo/view?usp=sharing

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Academic Programs

***New:* MIT Lincoln Laboratory (LL) Beaver Works Summer Institute Spring Class and Summer Program**

“This is a dual program – spring term self-paced online classes (open to all juniors, and some 9th and 10th graders may be accepted as well), followed by an in-person or virtual summer program at MIT, which is selective. The four-week summer program teaches students programming & engineering skills through project-based, workshop-style courses.

Students must complete self-paced online courses over the spring semester if they wish to be considered for the summer program.

This summer, we're offering **14 exciting, hands-on, project-based programs** designed to inspire and challenge high school students with a passion for STEM. From autonomous robotics to cybersecurity, and space exploration to machine learning, there's something for everyone to discover.

Courses: Autonomous Air Vehicle Racing (UAV)*, Autonomous RACECAR Grand Prix*, Autonomous Cognitive Assistant: Cog Works, Basic of ASICs, Cyber Operations, Embedded Security and Hardware Hacking, E-Textile and Wearable Technology*, GitHub, Medlytics, Microelectronics and Hardware Development, Quantum Software, Python, Remote Sensing for Disaster Response, Serious Games Design and Development with AI, Underwater Autonomous Vehicle Challenge (AUV)*, Unmanned Air System - Synthetic Aperture Radar*

(means the will be in-person in the summer; we do not provide housing)*

Our programs provide students with the opportunity to:

- Collaborate with peers and instructors from around the world.
- Solve real-world problems using cutting-edge technologies.
- Develop skills and experiences that prepare them for their future in STEM.

How to Register:

Visit our website at bws.mit.edu/apply-now to explore our programs and start your application. The application is very short, should only take a few minutes.

Deadline Reminder:

Applications will be reviewed on a **rolling basis**, so we encourage students to apply early to secure their spot! (Students can still apply for the online courses after they are released on February 1st, but should apply as soon as possible.)”

Eligible: Preference to current juniors, but all students may apply & may be accepted

Dates: February 3 - June 20 (Spring Online Courses) & July 7 – August 3 (Summer Program)

Location: Spring Courses are virtual; the summer program is Virtual/and/or /In-Person at MIT

Cost: Free for those with family incomes under \$150,000; otherwise, a fee TBD

Application Deadline: **March 31 (both programs)**

Links: <https://bws.mit.edu/about/about-bws/>

<https://bws.mit.edu/faq/>

<https://bws.mit.edu/apply-now/>

<https://bws.mit.edu/bws-programs/>

<https://drive.google.com/file/d/1MGnwT5CTMrEC0QHAKgXXD3o7EffybSS/view?usp=sharing>

New: Northeastern University Accelerate Pre-College Program

“Accelerate Pre-College Programs are immersive, full- day experiences that go beyond the typical lecture hall. Our students and faculty have in-depth meaningful classroom discussions and are often joined by industry leaders as guest speakers.

Students engage in project-based learning, giving them a hands-on experience similar to that of Northeastern undergraduate students. In addition, Accelerate Pre-College program activities, housing, and dining are all included in the cost of tuition.”

Eligible: Rising juniors and seniors

Dates: Summer 2025

Location: Northeastern University

Application Deadline: **January 15 (priority), February 28 (regular)**

Cost: \$6895 (financial aid available)

Links: <https://precollegeprograms.northeastern.edu/>

<https://precollegeprograms.northeastern.edu/apply/>

New: Carnegie Mellon Pre-College Programs

“Carnegie Mellon’s Pre-College Programs mirror the undergraduate experience, giving rising juniors and seniors the opportunity to explore their interests and passions while receiving instruction from acclaimed Carnegie Mellon faculty and staff.

Students may apply for various programs, including AI Scholars, Architecture, Art, Computational Biology, Computer Science Scholars, Design, Drama, National High School Game Academy, Music, Summer Academy for Math and Science, Summer Session, Writing & Culture, and Pilot Program.”

Eligible: Current sophomores & juniors

Dates: Summer 2025

Location: Carnegie Mellon University

Cost: \$5,975 - \$13,792 (Full Need-Based Scholarships Available)

Application Deadline: **February 1, 2025** (Early Decision), **March 1, 2025** (Regular Decision and Financial Aid)

Links: <https://www.cmu.edu/pre-college/index.html>

<https://www.cmu.edu/pre-college/admission/index.html>

<https://www.cmu.edu/pre-college/cost-financial-aid/index.html>

New: Digivations Summer Camp/ Academies Programs

“DIGIVATIONS is an extremely creative, engaging, immersive, hands-on, and rigorous innovation program that introduces students to the fundamental knowledge and skills necessary for successfully linking

STEM+ARTS+HUMANITIES+KINESTHETIC multidisciplinary concepts in just two weeks. 20-30 participants experience a cocoon of student-centric innovation and creativity, often developing new works which highlight their vision for a more equitable, regenerative and sustainable future. Camp and academy fusions where

literary and media themes bring STEM, ARTS (visual to theatrical) & Humanities together. ”

Eligible: All students

Dates: Various

Locations: Cornell & UCLA

Costs : Various

Application Deadline: **Rolling Basis**

Links: <https://www.harrypottercamps.org/>
<https://campscui.active.com/orgs/DIGIVATIONSInstitute?orglink=camps-registration#/selectSessions/3509635>

Early Deadline Approaching: Summer Institute for the Gifted (SIG)

“Our unique STEAM+ curriculum focuses on applying creative thinking across multiple disciplines to solve real-world problems. Our curriculum spans all facets of STEAM and humanities. We encourage students to explore their interests while introducing them to new and intriguing topics. Students gain strong research and creative problem-solving skills vital to college and professional careers.”

Courses include Logic & Innovation, Global Politics Unveiled, Neuroscience, Quantum Mechanics, Technical Design with VEX Robotics, and more.

Eligible: All students

Dates: Summer (2–3 weeks)

Locations: Various campuses including University of Michigan, University of Texas at Austin, UCLA, and more

Application Deadline: **December 16** (Early Admissions), **January 28** (Regular Admissions - Round 1) & **March 25** (Regular Admissions – Round 2)

Costs: Various

Links: <https://www.giftedstudy.org/>

<https://www.summerdiscovery.com/offerings-dates-tuitions>

<https://www.summerdiscovery.com/faq/registration>

Many colleges offer “pre-college” classes that high school students can take to increase their knowledge of certain subjects, experience what college courses are like, and, in some cases, earn college credits. Some offer financial aid. Here is a list of some to explore:

<https://docs.google.com/document/d/1bZcPUSC0xTXhYWhWMSmGjxI6qsF44Byj/edit?usp=sharing&ouid=111212941873538043271&rtpof=true&sd=true>

***Deadlines Today & Approaching:* College Now Spring Programs & Courses**

The CUNY College Now Program at campuses throughout the city offers free college-level science, math, & humanities classes to current juniors & seniors (sophomores may be eligible for some programs depending on requirements). The application deadlines and course times vary for each individual campus - students should explore their options and apply ASAP.

Check the link below for more detailed information about programs and courses.

List of Spring Term College Now Programs:

<https://docs.google.com/document/d/1ypJpzkdUVLCwdpM86OKGSEPq2BQfnVbXquTAJ2okk0A/edit?usp=sharing>

***Deadline Today:* STEM Research Academy at City Tech College**

“The College Now STEM Research Academy at City Tech is a two-part program designed to provide high school students with an opportunity to develop strong college level research skills by engaging in authentic science inquiry and research activities. Selected students will be enrolled into a free Spring 2025 pre-college

research course. Upon successful completion of the spring course, students will have the opportunity to apply for the 2025 STEM Summer Research Internship.”

Eligible: All Sophomores & Juniors with an average of 80+

Dates: **Spring 2025:** February 8 – May 31, 2025, Saturdays, 10 AM - 2 PM

Summer 2025: June 26 - August 15, 2025, Monday -Thursday, 9 AM - 4 PM

Location: City Tech (300 Jay Street, Brooklyn)

Cost: Free

Application Deadline: **December 13**

Link: <https://www.citytech.cuny.edu/collegenow/stem-research-academy.aspx>

Deadline Approaching: **NYU Courant GSTEM Online Data Science Course**

“This 12-week course is a great opportunity for those looking to expand their STEM interests beyond the high school curriculum. This course introduces ideas and techniques in modern data analysis, including interpreting and visualizing data, using data to build mathematical models, and assessing the validity of models and their predictions. By the end of the course, students will understand how to interpret data and data visualizations, use python and jupyter notebooks to work with data tables and visualizations, gain basic programming skills, and more.”

Eligible: Current juniors & seniors who have taken, or are taking, precalculus ; no data science background is required

Dates: February 3 – May 5, 2025 (Mondays, 7:00 - 8:30 PM)

Location: Virtual

Cost: \$2,370 (Need-Based Financial Aid Available)

Application Deadline: **December 15**

Links: <https://cims.nyu.edu/gstem/programs/data-science/>

<https://cims.nyu.edu/gstem/financial-aid-and-scholarships/>

***Deadline Approaching:* Summer Discovery Career Accelerator Program**

“Our Career Accelerator programs combine education and career exploration to deliver a summer pre-college experience unparalleled in the industry. Students have the chance to learn the critical subject matter, build their resumes, and discover new pathways to success. Career Accelerators are being offered in five subject areas: Engineering, Medicine, Game Design, Entrepreneurship, and Leadership. Students engage in hands-on learning by discussing real-world case studies and participating in action-based classroom activities, all while living and learning on a college campus.”

Eligible: All students

Dates: Various in Summer 2025

Locations: Various universities (Georgetown University, John Hopkins University, University of Michigan, etc.)

Cost: \$3,499 - \$16,097 (+\$100 Application Fee)

Application Deadline: **December 16**

Link: <https://summerkidsguide.com/uploads/Career%20Accelerator%202022.pdf>

***Priority & Financial Aid Deadline Approaching:* Columbia Engineering's Summer High School Academic Program for Engineers (SHAPE)**

“SHAPE is geared toward students with an aptitude for STEM. Each 3-week session offers college-level, project-based courses in engineering taught by prestigious faculty at Columbia University. Students engage with peers and Columbia University faculty, students, alumni, and industry partners through interactive programming, site visits, and workshops.

Available courses include Robotics and Autonomous Driving, Biomedical Engineering, Intro to Chemical Engineering, Computer Programming, Electrical Engineering, and more.”

Eligible: All students

Dates: Session 1: July 7 – 25, 2025, Session 2: July 28 – August 15, 2025

Location: Columbia University's Morningside Campus

Cost: \$5,500 (full, need-based scholarships available)

Application Deadline: **December 18** (the priority and financial aid deadline), **March 26, 2025** (the final deadline)

Links: <https://outreach.engineering.columbia.edu/content/shape-summer-high-school-academic-program-engineers>

<https://outreach.engineering.columbia.edu/content/faqs>

<https://outreach.engineering.columbia.edu/shape/apply>

Deadline Approaching: Baruch College STEP STEM Program

“The Science and Technology Entry Program (STEP) at Baruch College is a state-funded innovative pre-college enrichment program for talented and motivated under-represented or economically disadvantaged students. Sample topics covered include Psychology, Coding, and Bioethics, along with SAT Prep, college prep advice, and more. Additionally, a separate Kaplan Scholars SAT Preparation Course is offered for 9 sessions, a total of 18 hours of test preparation and two diagnostic tests.”

Eligible: All African American, Hispanic/Latino, Alaskan Native or American Indian and economically disadvantaged White or Asian high school students for STEP; underrepresented sophomores and juniors for the SAT Preparation Course

Dates: January 25 – April 26, 2025 (9 am – 2 pm) for STEP; March 10 – April 7, 2025 for SAT Preparation

Location: 55 Lexington Avenue, Manhattan for STEP; virtual for SAT Preparation

Application Deadline: **December 20**

Cost: Free for STEP; \$175 for SAT Preparation

Links: <https://step.baruch.cuny.edu/>

<https://step.baruch.cuny.edu/how-to-apply/>

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Business & Jobs

New: Summer 2025 Ladders for Leaders Program

“Ladders for Leaders is a nationally recognized program that offers outstanding high school and college students the opportunity to participate in paid professional summer internships with leading corporations, non-profit organizations, and government agencies in New York City. Students undergo a competitive application process, and receive 30 hours of pre-employment training. Students will be paid \$16.50/hour for about 25-40 hours per week.”

Eligible: All students 16 and older who are legally eligible to work in the U.S.

Dates: 6 weeks (25-40 hours per week)

Locations: Various

Application Deadline: **January 20, 2025**

Links: <https://www.nyc.gov/site/dycd/services/jobs-internships/about-nyc-ladders-for-leaders.page>

https://www.nyc.gov/assets/dycd/downloads/pdf/FAQS_LFL_2025.pdf

Application Link: <https://application.nycsyep.com/>

New : One day paid job on New Year’s Eve: The Balloon Saloon store near Stuyvesant (133 West Broadway, at Duane Street), needs up to 20 Stuy students to help blow up helium balloons from 7:00am – 1:00pm on Tuesday, December 31st. – pay: \$100. If students work longer, they will earn more.

To apply, stop by the store soon and ask for Sharon or Tiffany (ASAP).

New: Stevens School of Business Trading Day Game/Competition

“Trading Day incorporates both a virtual and live trading competition, as well as educational webinars which are moderated by the finance faculty at Stevens on topics such as understanding:”

- How the stock market works
- What inflation is and how it affects the market
- What are the intricacies of the cryptocurrency markets
- How the Covid-19 pandemic affected the financial markets

Eligible: All current sophomores and juniors

Dates: February/March

Location: Virtual and in-person

Application Deadline: **January 20, 2025**

Cost: Free

Links:

<https://www.stevens.edu/school-business-high-school-programs-trading-day>
<https://undergradadmissions.stevens.edu/register/?id=b7de04a5-e690-488c-bcdd-1d891940a622>

New: Apollo Theater Spring Administrative Internship

“This **paid** Internship Program is for students interested in the production/management aspects of entertainment performances. The internship provides students with opportunities for professional and personal development as they explore careers in the arts and entertainment industries. Over ten weeks, interns will learn about the impact of arts administration on live and recorded productions at the Apollo.” This is a **paid opportunity**.

Eligible: Current seniors

Dates: March 4 – May 15 (Tuesdays, Wednesdays, Thursdays after school)

Location: West 125th Street, Manhattan

Application Deadline: **January 31, 2025**

Link: <https://www.apollotheater.org/education/arts-administration-internship>

Application Link:

https://apollo.formstack.com/forms/apollo_theater_2024_fall_admin_internship_application_copy_gl=1*1vvft08*_gcl_a_u*NDU2MTQ4NjEwLjE3MzM4NDQ4MDQ.*_ga*OTk4OTQ3MDQ1LjE3MzM4NDQ4MDQ.*_ga_G1Y18BVCKG*_MTczMzg0NDgwMy4xLjEuMTczMzg0NDgyNy4zNi4wLjA

New: Breakthrough New York Paid Tutoring Internship

“Breakthrough New York is a non-profit organization here in NYC that helps prepare 7th -grade students from low-income households to get into and graduate from competitive high schools and colleges. They are now recruiting Spring 2025 After School Tutors, who will be compensated at a rate of **\$16/hour** for their work.”

Eligible: Current juniors and seniors

Dates: January 13 – May 1, 2025

Locations: Bronx Site: All Hallows High School (111 E 164th St, Bronx),

Brooklyn Site: Breakthrough New York Office (39 Broadway, Manhattan), Manhattan

Site: The Town School (540 East 76th Street)

Application Deadline: **Rolling Basis**

Links: <https://btny.pinpointhq.com/en/postings/8496db43-8fe3-46ab-aa0c-9db92ce804ec>

<https://btny.pinpointhq.com/>

For information about obtaining **Working Papers** at Stuyvesant, check this link:

https://docs.google.com/document/d/1hawnkPcYfJu_C_Zy0D10AO1Jn5BAKFI8/edit?usp=sharing&ouid=101556942762799823370&rtpof=true&sd=true

Event Approaching: New York Institute of Technology Business Bootcamp

“NYIT School of Management is offering a free boot camp to prepare high school students for the business school experience. With college-level workshops taught by our expert faculty, students will get critical training they can add to their résumés and incorporate into both their academic and professional lives as they seek entry to college and the business world. Students may attend the workshops individually or attend all six sessions. Students who complete all bootcamp sessions will receive a certificate of completion from New York Tech School of Management.”

Eligible: All students

Dates: December 18, January 22, **February 26** (7 to 8 pm)

Location: Virtual **OR** In-Person at New York Institute of Technology, 1855 Broadway, Manhattan

Cost: Free

Application Deadline: Rolling Basis

Link: https://www.nyit.edu/management/business_bootcamp

Events Approaching: NYC Exploring Careers Program

“Students interested in learning about different career paths can join the NYC Exploring program. It uses in-person & virtual weekly or bi-weekly after-school sessions to introduce students to a wide variety of careers. List of programs scheduled for Fall 2024:

- Kings County District Attorney’s Office (Law & Government) Thursdays at 4:30-6:00pm 12/19
- LaGuardia Airport (Aviation) Thursdays at 4:30-6:00pm 12/19, 1/16, 2/20, 3/20, 4/17, 5/15
- Lenox Health Greenwich Village (Medicine/Nursing) Thursdays at 4:30-6:00pm 12/19, 1/16, 2/20, 3/20, 4/17, 5/15

Eligible: All Students

Dates: Various (Fall 2024 - Spring 2025)

Location: Various

Cost: Free

Application Deadline: Rolling Basis

Links: <https://nyexploring.org/b-registar/>

<https://nyexploring.org/calendar/>

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Community Service

New: READ 718 Remote Literacy Program

“The READ 718 Remote Afterschool Program is looking for engaged and motivated high school sophomores and up to join our team of remote volunteer tutors. Our Winter Cycle runs from January 13 to March 27, 2025 and tutors meet twice a week over Zoom for one-hour, one-to-one lessons with a NYC child grades 3-8. All volunteers attend a remote training and receive a lesson-plan and materials curated by a READ 718 staff member and provided with lesson plans and guidance throughout the cycle. This is an opportunity to really make a positive difference in a child's life and support literacy and education in Brooklyn.”

Eligible: Sophomores and older students

Dates: January 13 – March 27, 2025

Location: Virtual and in-person options available

Application Deadline: Rolling Basis

Link: <https://www.read718.org/remote-volunteer>

New: Brooklyn Library Virtual Tech Volunteer

Branches of the Brooklyn library system welcome student volunteers to provide tech and support assistance throughout the summer, and for a minimum of three hours per week for at least six months during the school year. Participants will receive eight days of training, and small stipends as well.

Eligible: All students

Dates: Summer and School Year

Locations: Various

Application Deadline: Rolling Basis

Links: <https://www.bklynlibrary.org/support/volunteer/teen-techies>

<https://www.bklynlibrary.org/support/volunteer/t4/form>

General List of Local Volunteer Opportunities:

<https://docs.google.com/document/d/1Ai6UynAiF5DmcqgixAoCfn9fXWkCoyPNU7fOj16wSJI/edit>

For a list of some **food programs** that help hungry New Yorkers, click this link:

<https://docs.google.com/document/d/1UY15eiBx6nX561v06oDaCoDW5jzbijVj/edit?usp=sharing&ouid=111212941873538043271&rtpof=true&sd=true>

List of Volunteer Tutoring Opportunities:

<https://docs.google.com/document/d/12ZnNBGnHBNVQ8HtQ5KmG9KV7AEFXNJcdP1pluMCT5A/edit?usp=sharing>

Hospital Volunteer Opportunities

Most NYC hospitals welcome high school student helpers. Age requirements and time commitments vary, so contact locations of interest for more specific information.

Eligible: Various – check individual sites

Dates: Various

Location: Various

Cost: Free

Application Deadlines: **Rolling Basis**

Links: <http://www.nychealthandhospitals.org/volunteering/>

<http://www.nychealthandhospitals.org/hospitals/>

[https://docs.google.com/document/d/15q4GII8MdbZ-](https://docs.google.com/document/d/15q4GII8MdbZ-k8EpK2U3fRYFQK7Pcewp/edit?usp=sharing&ouid=111212941873538043271&rtpof=true&sd=true)

[k8EpK2U3fRYFQK7Pcewp/edit?usp=sharing&ouid=111212941873538043271&rtpof=true&sd=true](https://docs.google.com/document/d/15q4GII8MdbZ-k8EpK2U3fRYFQK7Pcewp/edit?usp=sharing&ouid=111212941873538043271&rtpof=true&sd=true)

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College Prep

New: **Seeds of Fortune Inc: Ivy League v.s. HBCU Night**

“Join Seeds of Fortune in their Ivy League vs. HBCU Night seminar. Students will hear directly from alumni from top colleges, including Ivy League schools and HBCUs, who will share their journeys and insights navigating college. Students will also gain exclusive scholarship information for the 2025-2026 Yale Women in Economics Scholarship program. This event is perfect for students and families exploring college options and seeking support in their higher education pursuits.”

Eligible: Everyone

Location: Virtual

Cost: Free

Date: **December 19** (5:00 PM)

Link: <https://shorturl.at/PdZKm>

New: Columbia University S-PREP Free SAT Prep Class

“The State Pre-College Enrichment Program (S-PREP) is a free high school and college preparatory program designed for students who are interested in pursuing a career in medicine or related STEM fields. They offer a spring term SAT Prep course, and participants may later also be able to enroll in a variety of STEM classes, along with other college preparation and career development workshops, college & academic counseling services, field trips, and college tours.”

Eligible: All students who are economically disadvantaged or identify as African American, Hispanic/Latino, Native American/Alaskan Native, Pacific Islander

Dates: February 1 - May 17, 2025 (Saturdays, 9:00 - 11:00 AM)

Location: Columbia University, 116th Street and Broadway, Manhattan

Cost: Free

Application Deadline: **January 1, 2025** (11:59 PM)

Links:

<https://www.vagelos.columbia.edu/education/academic-programs/additional-educational-opportunities/summer-youth-programs/middle-high-school-students/state-pre-college-enrichment-program-s-prep/how-apply>

<https://www.vagelos.columbia.edu/education/academic-programs/additional-educational-opportunities/summer-youth-programs/middle-high-school-students/state-pre-college-enrichment-program-s-prep>

New: NYC Public Schools College And Career Advising Texts

“The Office of Student Pathways: NYC Public Schools is offering a unique opportunity for students to connect with college and career advising through this text program. Students will receive affirming text messages and timely reminders about

college and career applications, scholarships, and other important resources that can help them stay informed as they transition for life after high school.

Eligible: Current Juniors and Seniors

Location: Virtual

Cost: Free

Application Deadline: Rolling Basis

Link:

<https://app.grouptrail.com/public/externalForm/VCpq9WpaMT6E22wM2F0WyLJaCes9742NYwFO4ScB>

New: The OppNet Fellows Program for Sophomores

“During this six-year program, Student Fellows are able to gain skills in networking, academic habits, professional know-how, interviewing, and self-advocacy. Through a unique program structure integrating college guidance, transition, and success with professional exposure, career development, and five summers of paid internships or enrichment experiences, our Fellows leave OppNet with robust resumes and lifelong networks of support ready to drive their personal and professional success forward.”

Eligible: Current sophomores who identify as low-income (household income < \$125,000) and as a member of an underrepresented community (including first – generation college students)

Dates: Summer Institute & 2025 – 2031 (six-year commitment through college)

Location: Hybrid

Cost: Free

Application Deadline: February 9, 2025 (11:59 pm)

Links: <https://opportunitynetwork.org/fellows/>
<https://opportunitynetwork.org/apply/>
Application Link: <https://oppnet.tfaforms.net/5117710>

For a general list of programs (mostly free) that provide college admissions information and support to seniors and students from other grades, check this link:
https://docs.google.com/document/d/1tP9eKXxCw6l37zn6kKHai_5J932RGgs5/edit?usp=sharing&oid=111212941873538043271&rtpof=true&sd=true

Deadline Approaching: Thrive Scholars 6-Years Program

“We provide high-achieving students of color from low-income communities the opportunities they need to thrive at top colleges and in meaningful careers. Our program offers six years of comprehensive support from high school to early career. We help our Scholars find “best fit” selective colleges and to showcase their qualifications for admittance into these elite schools.

Scholars receive expert college advising, intensive pre-college academic prep, social-emotional support, financial support, and career development.”

Eligible: Current juniors (Preference given to students from underrepresented backgrounds or economically disadvantaged)

Dates: 6-week residential Summer Academy sessions

Locations: Various

Cost: Free

Application Deadline: **December 15**

Links: <https://www.thrivescholars.org/programs/six-year-program/>
https://apply.thrivescholars.org/_files/ugd/de1601_15d58611d584494bbb8f9d6d0c794d5a.pdf

Application Link: <https://apply.thrivescholars.org/application-6yp-ta>

Deadline Approaching: Thrive Scholars – Thrive Academics

“Thrive Academics is a summer program that provides rigorous academic preparation on a world-class college campus in your community over the course of two summers starting in the summer after junior year of high school. Each summer students will participate in a six-week local day program that includes daily math and writing courses, in addition, to college admission support and community-building activities. Scholars receive expert college advising, intensive pre-college academic prep, social-emotional support, financial support, career development, and access internship opportunities.”

Eligible: Current juniors (Preference given to students from underrepresented backgrounds or economically disadvantaged)

Dates: 2 six-week summer sessions in 2025 and 2026

Locations: Various

Cost: Free

Application Deadline: **December 15**

Links: <https://www.thrivescholars.org/thriveacademics/>
https://apply.thrivescholars.org/_files/ugd/de1601_e25a407ebbe149de92bb760d1a36e8c3.pdf

Application Link: <https://apply.thrivescholars.org/application-6yp-ta>

Deadline Approaching: Thrive Scholars – OnRamp

“OnRamp is a free pre-college program focused on ensuring young Black/Generational African American males (defined as descendants of enslaved people in the United States) have the opportunities and the preparation to excel. The program takes place between the spring term of the 10th and 11th grades. OnRamp empowers students to gain admission and thrive at leading universities while preparing for successful careers that offer economic mobility. Our OnRamp Scholars

are given early access to our signature Summer Academy program, all while living on a college campus. Scholars receive expert college advising, intensive pre-college academic prep, social-emotional support, financial support, and career development.”

Eligible: Current Sophomore Black/Generational African-American males

Dates: June – August, 6 weeks

Location: Various

Cost: Free

Application Deadline: **December 15**

Links: <https://apply.thrivescholars.org/onramp>

https://apply.thrivescholars.org/_files/ugd/de1601_88c8823293ca43f4b12f3ad19883cca7.pdf

Application Link: <https://apply.thrivescholars.org/application-onramp>

Events Approaching: **SUNY Information Sessions**

These in-person and online sessions provide helpful information about different State University of New York (SUNY) campuses, financial aid, FAFSA completion, special programs, and more.

Eligible: All students & parents

Dates: **December 17, 18** and more

Location: Virtual and in-person (116 East 55th St, Manhattan) options available

Cost: Free

Links: <https://www.suny.edu/attend/events/>

https://engage.suny.edu/portal/financial_aid_sessions_virtual

https://engage.suny.edu/portal/how_to_apply

https://engage.suny.edu/portal/fafsa_workshops

Event Approaching: **Riverside Library Understanding FAFSA Talk**

“The Free Application for Federal Student Aid (FAFSA) is undergoing some more changes this year. This virtual info talk with staff from The New School's Understanding FAFSA program will help students and their families understand the new developments in applying for this free government financial aid and additional resources to help fill out the application. This online event is open to teens and their families.”

Eligible: All students

Dates: Tuesday, December 17 (5:00pm - 6:00pm)

Location: Virtual

Application Deadline: **December 17**

Cost: Free

Links: <https://www.nypl.org/events/programs/2024/12/17/college-and-career-pathways-understanding-fafsa-applications-and-updates#register>

https://drive.google.com/file/d/1Iw_SviJZrBdqS_CTY4Xjy1xSx4H1iasE/view?usp=sharing

Next Event Approaching:

Riverside Library Virtual Teen 1 on 1 College/Career Counseling

“Do you want to go to college or start a new career? Need help with a job application or resume? Schedule a college/career counseling session with us. We will offer two 30-minute virtual counseling sessions.”

Eligible: All students

Dates: Thursdays (4:00pm - 5:00pm)

Locations: Bronx, Manhattan, Staten Island, or virtual

Cost: Free

Links: <https://calendly.com/nyplcollegeandcareer>

https://drive.google.com/file/d/1yalO_PqGn3cfifo-piTtKLJfGF07qejo/view?usp=sharing

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Leadership/Government/Law/Cultural/Programs

New: Event Approaching:

Staten Island Justice Center Internship Information Session

“The Staten Island Justice Center is offering a paid internship for high school students residing in Staten Island. Students will receive community service hours, a paid stipend, metro cards, an opportunity for a summer internship, and positive community impact. Students must be able to commit to 6 weeks (2x a week) and attend an information session on **December 17th.**”

Eligible: Students residing in Staten Island

Location: 30 Beach Street Staten Island, NY 10304

Cost: Free

Dates: Spring and possibly summer

Application Deadline: Rolling Basis

Links:

<https://drive.google.com/file/d/1N3iP8TAedulOA6VSrQYL5glzWrN0dK9o/view?usp=sharing>

<https://www.innovatingjustice.org/programs/staten-island-justice-center/more-info>

Events Approaching: Queens Public Library Youth Justice Collective (YJC)

“The Youth Justice Collective is comprised of teens who want to learn more about justice, advocacy, the court system, and current events in a fun and stress-free

environment. Every other week throughout the school year, members of the Collective have thought-provoking discussions, play games, and participate in hands-on workshops led by QPL staff and guests from community-based organizations. Eat snacks, earn prizes, hear from real law students, engage with legal professionals, and become a more informed member of your community!”

Eligible: All students

Dates: Various, depending on location

Locations: Cambria Heights Library (218-13 Linden Boulevard), Central Library (89-11 Merrick Boulevard), Far Rockaway Teen Library (2002 Cornaga Avenue), Flushing Library (41-17 Main Street), Long Island City Library (37-44 21 St)

Cost: Free

Application Deadline: **Rolling Basis**

Link: <https://www.queenslibrary.org/index.php/programs-activities/teens/other-programs/youth-justice-court>

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Museums, Art, Photography:

Updated: Jewish Museum Teen Photo Contest

“Inspired by the exhibition *Ilit Azoulay: Mere Things*, the Jewish Museum invites middle and high school students to submit photographs that feature meaningful objects from their own lives that depict a personal, cultural, or historical connection. What story can an object tell about you, your community, or your family? How might

we connect to parts of our own identity through objects, and how might they help us connect with one another? How can these ideas be represented in photographs?”

Eligible: All students

Application Deadline: **January 10, 2025**

Link: <https://thejewishmuseum.org/programs/teens>

Application Link:

<https://docs.google.com/forms/d/e/1FAIpQLSfSerDeGZxm8AloUPzbhbXCUCuQDrxySqcIgnEAVVEOJ7pFaA/viewform>

New: ArtsConnect Teens Curate Teens (TCT) Curators

“Curate an exhibition that not only demands attention but also sends a message that resonates with you and your community. An exhibition that is for teens and by teens. TCT brings together NYC high school artists and curators to produce a public, group art exhibition based on a subject selected by teens. This year's theme is Culture & Community!”

Eligible: All students

Dates: TBD

Location: TBD

Cost: Free

Application Deadline: **January 17, 2025** (11:59 pm)

Link: https://airtable.com/appQuqObez96NaMtU/shr3xYXKbVT6V5C08?mc_cid=b8ddbab7c7&mc_eid=d56b4cad94

New: Arts Connection Student Art Program (SAP)

“New Call for Art! Take your art to the next level! Winter 2025 Exhibition theme: “Viewpoints, Stories, and Connections”. Submit your artwork for a chance to have

your work framed and exhibited in one of our corporate partners' office spaces and receive a \$100 Blick gift card!"

Eligible: All students

Application Deadline: February 10, 2025

Link: https://teens.artsconnection.org/sap/mc_cid=e3f491e980&mc_eid=d56b4cad94

Event Approaching: Center for Architecture Teen Workshops

"Teen Workshops are for high school students interested in learning more about the city's built environment and developing their architectural design skills. Offered on weekends during the school year, these workshops combine architectural exploration with hands-on design projects, nurturing the development of design thinking and providing students with instruction in architecture fundamentals such as architectural drawing, scale measurement, model building, site and precedent analysis."

Eligible: All students

Dates: December 14 (10am – 4 pm)

Location: The Center for Architecture (536 LaGuardia Place, Manhattan)

Cost: \$125 per workshop

Application Deadline: Rolling Basis

Link: <https://www.centerforarchitecture.org/k-12/teen-programs/teen-workshops/>

Events Approaching: MoMA Open Art Space

"Open Art Space is a relaxed, weekly, drop-in program for LGBTQ+ high school students and their allies who are interested in thinking about and making art in a creative and welcoming environment. This year we will explore art making, hear from artists, have VIP gallery tours, and so much more. This program is free and open to all high school-age participants. No previous art-making experience or registration is

necessary. Metrocards, snacks, and supplies will be provided. Email questions to momateens@moma.org.”

Eligible: All students

Dates: Every Thursday from December 12 – June 12, 4:30 - 6:30 PM

Location: Museum of Modern Art, Cullman Building, 4 West 54 Street

Cost: Free

Application Deadline: Rolling Basis

Link: <https://www.moma.org/calendar/programs/199>

Deadline Approaching:

Museum of Jewish Heritage Paid Apprentice Summer Program

“The High School Apprenticeship Program offers New York City public high school students a challenging program of study and work designed to give them a behind-the-scenes look at what it is like to work in the Museum and explore Jewish heritage and their own. After an extensive spring training, apprentices work part-time (five days per week, Monday – Friday from 10 AM – 3 PM) during the summer in different Museum departments and are introduced to the curatorial, educational, administrative, and operational sides of the Museum.

Apprentices are paid for their participation in the program. Students of all backgrounds are encouraged to apply.” Students will need to have teachers submit a recommendation.

Eligible: All students

Dates: May – August 2024; Training provided for selected applicants weekly from May 1 – June 5 (4 – 6 pm)

Location: Museum of Jewish History, 36 Battery Place, Manhattan

Cost: Free

Application Deadline: December 20 (3:00 pm)

Links: <https://education.mjhnyc.org/high-school-apprenticeship-program/>
<https://mjhnyc.wufoo.com/forms/m8qxvc405xgsij/>

Guide to Summer Art Programs & Internships

Teen Life magazine offers this general guide to art-related summer options for high school students:

Link: <https://www.teenlife.com/guide-to-performing-visual-arts-colleges/>

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Parks/Nature:

General List of Opportunities in NYC Parks:

<https://docs.google.com/document/d/1a08Bhj7zi4ZCEIExvhjVjY7Xk7jssfJu/edit?usp=sharing&ouid=111212941873538043271&rtpof=true&sd=true>

Event Approaching: Fort Greene Park Conservancy Leaf No Trace Event

“It's time for the annual "Leaf No Trace" event to help us rake and gather fallen leaves to prepare our park for winter. The collected leaves will be stored in our leaf corral to naturally decompose into leaf mold. This fantastic, eco-friendly process enriches the soil, benefiting the park's trees and plant life. It's perfect for students wanting to participate in community service and learn about environmental stewardship!”

Eligible: All students

Date: December 14 (10:00 AM - 12:00 PM)

Location: Visitors Center at Fort Greene Park, Willoughby Ave. &, Washington Park

Cost: Free

Application Deadline: **Rolling Basis** (Limited Seats)

Link:

https://cervis.fortgreenepark.org/acts/console.php?console_type=event_list&event_id=126&console_id=0133&ht=1

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STEM Opportunities:

New: **New York Academy of the Sciences Junior Academy**

“Junior Academy participants are enthusiastic learners and problem solvers with a passion for science, technology, engineering, and math (STEM). They have a desire to collaborate with international peers to address the world’s most pressing challenges.

This is a special student application cycle for students interested in Public Health and joining the Stevens Initiative in the Spring 2025 semester of programming.”

Eligible: All students who are 13 – 17 years old

Dates: Spring 2025

Location: Virtual

Cost: Free

Application Deadline: **January 7, 2025** (11:59 pm)

Links: <https://www.nyas.org/learning/high-school-research-programs/the-junior-academy/>
<https://gsa.smapply.io/acc/1/?next=/prog/106162/apply/>

Deadline Today: **STEM Research Academy at City Tech College**

“The College Now STEM Research Academy at City Tech is a two-part program designed to provide high school students with an opportunity to develop strong college level research skills by engaging in authentic science inquiry and research activities. Selected students will be enrolled into a free Spring 2025 pre-college research course. Upon successful completion of the spring course, students will have the opportunity to apply for the 2025 STEM Summer Research Internship.”

Eligible: All Sophomores & Juniors with average of 80+

Dates: **Spring 2025:** February 8 – May 31, 2025, Saturdays, 10 AM - 2 PM

Summer 2025: June 26 - August 15, 2025, Monday -Thursday, 9 AM - 4 PM

Location: City Tech (300 Jay Street, Brooklyn)

Cost: Free

Application Deadline: **December 13**

Link: <https://www.citytech.cuny.edu/collegenow/stem-research-academy.aspx>

Deadline Today:

Yes in The Heights at Columbia’s Herbert Irving Comprehensive Cancer Center

“Yes in The Heights is an in-person, 8-week summer program that includes hands-on scientific training as well as training in academic etiquette and professionalism, completion of an Individual Development Plan, and a required submission of a scientific abstract of their work..”

Eligible: All students who are economically disadvantaged or from under-represented groups

Dates: June 30 – August 22, 2025

Location: TBD

Cost: Free

Application Deadlines: **December 13**

Link: <https://www.cancer.columbia.edu/education/educational-opportunities/high-school-and-undergraduate-programs/yes-heights-program>

Deadline Approaching: Polygence Research Program

“Discover, explore, and showcase your passions through a personalized project with an expert mentor to gain valuable pre-college experience and help you stand out. You will dive deep through 10 one-on-one sessions with a mentor selected for their expertise in the project’s subject matter, with regular assignments from the expert mentor to create structure and guidance for students towards their goals. You will showcase your work, have access to the Polygence High School Showcasing Database and Polygence’s pre-print research archive. You will get to understand the basics of academic research and writing, and also create a project to showcase your research interests and passions to future colleges, employers, and more.”

Eligible: All students

Dates: Winter – Spring 2025

Location: Various

Cost: \$2,795 (Partial and Full-Need Based Scholarships Available)

Application Deadline: **December 15**

Links: <https://www.polygence.org/core-program>

<https://app.polygence.org/user/register>

<https://www.polygence.org/faq>

Deadline Approaching: Baruch College STEP STEM Program

“The Science and Technology Entry Program (STEP) at Baruch College is a state-funded innovative pre-college enrichment program for talented and motivated under-represented or economically disadvantaged students. Sample topics covered include Psychology, Coding, and Bioethics, along with SAT Prep, college prep advice, and

more. Additionally, a separate Kaplan Scholars SAT Preparation Course is offered for 9 sessions, a total of 18 hours of test preparation and two diagnostic tests.”

Eligible: All African American, Hispanic/Latino, Alaskan Native or American Indian and economically disadvantaged White or Asian high school students for STEP; underrepresented sophomores and juniors for the SAT Preparation Course

Dates: January 25 – April 26, 2025 (9 am – 2 pm) for STEP; March 10 – April 7, 2025 for SAT Preparation

Location: 55 Lexington Avenue, Manhattan for STEP; virtual for SAT Preparation

Application Deadline: **December 20**

Cost: Free for STEP; \$175 for SAT Preparation

Links: <https://step.baruch.cuny.edu/>
<https://step.baruch.cuny.edu/how-to-apply/>

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Engineering/Math/Computer Science

New: The Secret Life of Everyday Items Essay Contest

Students are invited to “write a piece describing a common object you would make “smart”. Tell us what it would do, how it would help people, and what could go wrong. The winner will receive up to \$1,000 as a prize.

Eligible: All students

Application Deadline: **February 1, 2025 (11:59 pm)**

Links: <https://www.engineergirl.org/154382/2025-Writing-Contest-Innovating-Smarter>

<https://www.engineergirl.org/154451/2025-Writing-Contest-Submission-Form>

New: Event Approaching:

Unlimited : MoMath's Mix n Mingle Program for Students

“Clocks, Chords, and Counting: Exploring hidden structures of mathematics through the number 12” featuring Mathematician Juliana Bukoski.

Twelve hours on a clock, twelve inches in a foot, twelve donuts in a dozen — why do we measure so many things in 12s? Learn how to count by 12s, investigate the special mathematical properties of 12, and even discover how those properties relate to the music we listen to every day!”

Eligible: All students

Dates: **December 15** (6:30 – 8:30)

Location: 225 5th Avenue, Manhattan

Application Deadline: **ASAP**

Cost: Free

Links <https://momath.org/unlimited/>

New : Expansions Math Workshops at MoMath

“Expansions workshops are designed and delivered by MoMath’s educational team to illuminate the wonders of mathematics, challenge and inspire students, and broaden their mathematical horizons. With topics ranging from fractals to cellular automata, these afternoon classes provide an opportunity for participants to learn advanced and fascinating topics not included in the standard K–12 curriculum.”

Eligible: All students

Dates: February 2– May 18

Location: Museum of Mathematics (225 Fifth Avenue, Manhattan)

Cost: \$1,150 (Scholarships available)

Application Deadline: **Rolling Basis**

Links: <https://momath.org/expansions/>

<https://momath.org/expansions/#schedule>

For a list of several **Computer Science** Opportunities, check this link:

[https://docs.google.com/document/d/1G8RYH7Ei8nvJMYZ-](https://docs.google.com/document/d/1G8RYH7Ei8nvJMYZ-7Vl3_EwqdRKXqYq_/edit?usp=sharing&ouid=111212941873538043271&rtpof=true&sd=true)

[7Vl3_EwqdRKXqYq_/edit?usp=sharing&ouid=111212941873538043271&rtpof=true&sd=true](https://docs.google.com/document/d/1G8RYH7Ei8nvJMYZ-7Vl3_EwqdRKXqYq_/edit?usp=sharing&ouid=111212941873538043271&rtpof=true&sd=true)

For a list of several **Math** Opportunities, check this link:

<https://docs.google.com/document/d/1SPPvUHkJkaBdXRUM-652obTICFQKO4cb/edit>

Deadline Today: **Future Engineers ‘We Heart Veterans’ Pin Design Challenge**

“Your challenge is to create a digital 3D model of a wearable pin to be 3D printed and distributed to U.S. veterans. Your pin should be original and designed to show appreciation or gratitude for veterans of any U.S. military service branch. Finalists will also each receive five prints of their design and a \$100 gift card toward a professional 3D print. The challenge winners (2 grand prize winners total) will win a trip for two to Columbus, OH, to attend a special event on Memorial Day at the National Veterans Memorial and Museum. Each winner will also receive a 3D printer donated to the school, library, or organization of their choice!”

Eligible: All students

Application Deadline: **December 13**

Link: <https://www.futureengineers.org/aeopvetsappreciation>

Deadline Approaching: **NYU Courant GSTEM Online Data Science Course**

“This 12-week course is a great opportunity for those looking to expand their STEM interests beyond the high school curriculum. This course introduces ideas and techniques in modern data analysis, including interpreting and visualizing data, using data to build mathematical models, and assessing the validity of models and their predictions. By the end of the course, students will understand how to interpret data and data visualizations, use python and jupyter notebooks to work with data tables and visualizations, gain basic programming skills, and more.”

Eligible: Current juniors & seniors who have taken, or are taking, precalculus ; no data science background is required

Dates: February 3 – May 5, 2025 (Mondays, 7:00 - 8:30 PM)

Location: Virtual

Cost: \$2,370 (Need-Based Financial Aid Available)

Application Deadline: **December 15**

Links: <https://cims.nyu.edu/gstem/programs/data-science/>
<https://cims.nyu.edu/gstem/financial-aid-and-scholarships/>

Deadline Approaching: An Exploration of Algebraic Operations

“This series on different mathematical topics is appropriate for students in middle school and high school, but undergraduate and graduate students who are interested in the Mathematics Outreach Seminar and Training (MOST) program are welcome to attend to learn more. The MOST program provides early-career female mathematicians with professional development and speaking opportunities to advance and inspire others through math outreach.

Eligible: All students

Date: **December 15** (6:30-8:30pm)

Location: Museum of Mathematics; 225 5th Avenue, Manhattan

Application Deadline: **Rolling Basis**

Link: <https://momath.org/most/plus/>

Event Approaching: Math Gym at the Museum of Mathematics

“Students will spend an hour independently working on engaging and beautiful math problems, hand-selected by MoMath’s advisory council of math PhDs. Choose whichever challenges you like and explore them with the guidance and mentorship of an expert mathematician. If you love math and want to experience the incredible joy of mathematical discovery, you won’t want to miss this enjoyable monthly program.”

Eligible: All students

Dates: **December 18**, and once a month on a Wednesdays in subsequent months (4 – 5 pm or 7 – 8 pm)

Location: Virtual

Cost: Free

Application Deadline: **Rolling Basis**

Link: <https://momath.org/math-gym/>

Updated: Museum of Mathematics Programs & Volunteer Opportunities:

Check the link below to access many of MoMath’s programs (some are being offered for **free or at a reduced rate** for those in need) — please visit individual event pages for more information:

https://docs.google.com/document/d/10OqmRgPSwQ2T5K01KDYqHHe3gj81xR_xckBvV4BWnU/edit?usp=sharing

Events Approaching: Digital Girl Computer Science Classes

Digital Girl Inc. is offering various classes for their Intro to Computer Science course.

Eligible: All students

Dates: Various (upcoming classes on **December 18**, and later)

Location: 1561 Bedford Ave, Brooklyn

Cost: Free

Application Deadline: **Rolling Basis**

Links: https://docs.google.com/forms/d/e/1FAIpQLSc9ANDXK3OLmX8LK6fo_MccbWXxWWCq1yZf7g3RewWihaFEDA/viewform
<https://www.digitalgirlinc.org/programs>

Deadline Approaching: Computer Science for All Pathfinders Internship

“CS4All’s Pathfinders Internship Program provides New York City high school students with their first workplace experience in computer science. Students will complete 60 hours of **paid**, hands-on industry work experience with host sites plus an additional 10 hours of mandatory work readiness and career preparation training (unpaid). ”

Eligible: All students interested in computer science & authorized to work in the U.S.

Dates: March 2025 - June 2025

Location: Hybrid

Application Deadline: **December 27**

Cost: Free

Links: <https://docs.google.com/document/d/15oDrpUXxY4OCbl8bczazLZMhQy338NtKX7ovboCeP4E/>
https://docs.google.com/forms/d/e/1FAIpQLSf3PPESMtgNtgQqvZoZBOgg3b5X1OX_A5fGtoJ7Xtc_14KwbQ/viewform

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[**Medical/Life Sciences**](#)

New: Columbia University S-PREP Free SAT Prep Class

“The State Pre-College Enrichment Program (S-PREP) is a free high school and college preparatory program designed for students who are interested in pursuing a career in medicine or related STEM fields. They offer a spring term SAT Prep course, and participants may later also be able to enroll in a variety of STEM classes, along with other college preparation and career development workshops, college & academic counseling services, field trips, and college tours.”

Eligible: All students who are economically disadvantaged or identify as African American, Hispanic/Latino, Native American/Alaskan Native, Pacific Islander

Dates: February 1 - May 17, 2025 (Saturdays, 9:00 - 11:00 AM)

Location: Columbia University, 116th Street and Broadway, Manhattan

Cost: Free

Application Deadline: **January 1, 2025** (11:59 PM)

Links:

<https://www.vagos.columbia.edu/education/academic-programs/additional-educational-opportunities/summer-youth-programs/middle-high-school-students/state-pre-college-enrichment-program-s-prep/how-apply>

<https://www.vagos.columbia.edu/education/academic-programs/additional-educational-opportunities/summer-youth-programs/middle-high-school-students/state-pre-college-enrichment-program-s-prep>

For a list of several **Biomedical & Life Sciences** opportunities, check this link:

https://docs.google.com/document/d/1mXdTmDp2-ZMsyUwvdKwj_IEyRfZIBZyU/edit?usp=sharing&ouid=111212941873538043271&rtpof=true&sd=true

Event Approaching: Regeneron Biotechnology Program/Information Session

“Students will link biotechnology to real world applications through in-person, interactive sub-group workshops and career panel discussions, which help inspire the next generation of young leaders in STEM.” There is a virtual Information Session on **December 16**.

Eligible: Under-resourced 9th, 10th, and 11th grade students

Dates: July 8 – July 25; Information Session: December 16 (4:00-5:00pm)

Location: Regeneron, Tarrytown, New York

Application Deadline: **February 14, 2025**

Cost: Free

Links: <https://www.surveymonkey.com/r/TX83VSQ>

https://docs.google.com/presentation/d/1mxOUD0OVNp06Z-qWq87_TdKbJXxg_f6a/edit?usp=sharing&ouid=115396606750532126369&rtpof=true&sd=true

Information Session:

[Join the meeting now](#)

Meeting ID: 220 226 766 395

Passcode: 5FK7c8BN

Join on a video conferencing device

Tenant key: teams@video.regeneron.com

Video ID: 115 368 929 4

[More info](#)

Deadline Approaching: NYU Health Career Opportunity Program

“The Health Career Opportunity Program at NYU Langone’s Rusk Rehabilitation offers candidates with minimal clinical experience the opportunity to explore a variety of health professions. Available to high school seniors, this free program consists of 3 internship sessions that are each 4 weeks long and provide participants with hands-on, observational clinical experience in a variety of health fields. After completing each session, you take a final exam that tests your knowledge of material covered in group meetings, lectures, and discussions. Students who pass the final exam receive a signed certificate displaying their name and completion of 140 hours of observation and instruction at NYU Langone’s Rusk Rehabilitation Center.”

Eligible: Current seniors who are at least 18 and have a minimum GPA of 3.2

Dates: Various four-week long sessions (late May - August)

Locations: Various

Cost: Free

Application Deadline: **December 22** (apply early for a better chance)

Links: <https://med.nyu.edu/departments-institutes/rusk-rehabilitation/education/health-career-opportunity-program>
<https://med.nyu.edu/departments-institutes/rusk-rehabilitation/education/health-career-opportunity-program/application-information>

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Theater/Writing/Music/Video:

New: **Apollo Theater Spring Administrative Internship**

“This **paid** Internship Program is for students interested in the production/management aspects of entertainment performances. The internship provides students with opportunities for professional and personal development as they explore careers in the arts and entertainment industries. Over ten weeks, interns will learn about the impact of arts administration on live and recorded productions at the Apollo.” This is a **paid opportunity**.

Eligible: Current seniors

Dates: March 4 – May 15 (Tuesdays, Wednesdays, Thursdays after school)

Location: West 125th Street, Manhattan

Application Deadline: **January 31, 2025**

Link: <https://www.apollotheater.org/education/arts-administration-internship>

Application Link:

https://apollo.formstack.com/forms/apollo_theater_2024_fall_admin_internship_application_copy_gl=1*1vvft08*_gcl_a_u*NDU2MTQ4NjEwLjE3MzM4NDQ4MDQ.*_ga*OTk4OTQ3MDQ1LjE3MzM4NDQ4MDQ.*_ga_G1Y18BVCKG*_MTczMzg0NDgwMy4xLjEuMTczMzg0NDgyNy4zNi4wLjA

New: The Secret Life of Everyday Items Essay Contest

Students are invited to “write a piece describing a common object you would make "smart". Tell us what it would do, how it would help people, and what could go wrong. The winner will receive up to \$1,000 as a prize.

Eligible: All students

Application Deadline: **February 1, 2025 (11:59 pm)**

Links: <https://www.engineergirl.org/154382/2025-Writing-Contest-Innovating-Smarter>

<https://www.engineergirl.org/154451/2025-Writing-Contest-Submission-Form>

Audition Deadline Extended/ Approaching: All IN(clusive) NYC Teen Theatre Ensemble

“The All-In(clusive) Ensemble comprises NYC high school student artists -- from diverse backgrounds, identities, abilities & points of view -- who collaborate, compose, devise, rehearse, and perform an original musical. The program spans approximately 12 weeks of play development and rehearsal, culminating with performances on a professional NYC stage in April 2025. With generous funding from the Shubert Foundation, master theater artists from across the professional world facilitate the students to create, compose, and stage a realized musical based on their collective experiences and imaginations.”

Eligible: All students

Dates: January - April 2025

Location: TBA

Cost: Free

New Application Deadline: **December 15 (Virtual Audition)**

Link: <https://sites.google.com/kimberlyhale.com/all-in/home>

Deadline Extended/ Approaching:

Kenyon Review Young Writers Winter Online Workshops

“These creative writing workshops are designed to be compatible with your busy academic schedule, with dynamic, supportive small workshop groups meeting once a week for focusing on a variety of themes, genres, and craft elements. Students get the opportunity to expand their skills as a more productive writer and insightful thinker. You will get the chance to work with other people, experimenting with new approaches, and take risks in order to learn.”

Eligible: Sophomores, juniors, seniors and/or ages 16-18

Dates: January 25 – March 1, 2025

Location: Virtual

Cost: \$655 (financial aid available)

New Application Deadline: **December 15**

Link: <https://kenyonreview.org/workshops/young-writers-winter-online/>

For a list of several **Writing Opportunities**, check this link:

<https://docs.google.com/document/d/1tHERTg8fguIXYYwmyK2ybDnhD8H6P584/edit>

For a list of several **Writing Competitions**, check this link:

<https://docs.google.com/document/d/1DfBChFYQxE9tdaM6p1ZDDyIrKqN4MWKd/edit>

Deadline Extended/Approaching: **Youth Communication Writing Contest**

“Youth Communication is sponsoring a writing contest for young people. For this month’s contest, we want to hear your perspective on cell phone bans. Answer the questions: If you’ve experienced a ban at your school, tell us how you feel about it. What has it been like? Has your experience at school changed at all? **OR** If your school has not banned phones, do you think they should? What if any rules around cell phones would make your experience at school better? We will choose three winners with prizes of \$150 (1st prize), \$75 (2nd prize), and \$50 (3rd prize.)”

Eligible: All students who are at least 14 years old

New Application Deadline: **December 20**

Link: <https://youthcomm.org/teen-writing-contest/>

Event Today: Girls Write Now Salon Series - Romantic Comedy: Writing Modern, Unique Love Stories

“Whether you’re curious about how your favorite romcoms are written, want to write your own, or just love a good love story, this salon will explore how humor, heart, and modern themes come together to create the kind of romance that feels real and unforgettable. Perfect for fans of romcoms and anyone who’s ever wondered what goes into crafting a great love story!”

Eligible: All students

Date: **December 13** (6:00 – 7:15 pm)

Location: Hybrid (247 W 37th Street, Manhattan or Virtual)

Cost: Free

Application Deadline: **Rolling Basis**

Link: <https://girlswritenow.org/event/dec13salon/>

Deadlines Approaching: Carnegie Hall National Youth Ensembles

“Each summer, Carnegie Hall’s National Youth Ensembles bring together exceptional young American instrumentalists of all backgrounds for intensive training and performances on some of the world’s greatest stages. These free programs are led by all-star faculties of professional orchestra and jazz musicians, giving students the opportunity to hone their talents while working with the world’s finest artists.”

Eligible: All students

Dates: Summer 2025

Location: Purchase College (735 Anderson Hill Rd) in Purchase, New York

Cost: \$30 Application fee (Financial aid available)

Application Deadline: **December 2024** (Varies by program)

Link: <https://www.carnegiehall.org/Education/Programs/National-Youth-Ensembles>

Events Approaching:

Lincoln Center Passport to the Arts for Students with Disabilities

“Free concerts, opera, ballet, and other world-class performing arts. Designed for children, teens and adults with disabilities and their families, Passport to the Arts provides a welcoming, accessible, and cost-free introduction to the performing arts at Lincoln Center.

Families are invited to attend performances, interactive workshops, and virtual events with Lincoln Center for the Performing Arts, New York City Ballet, The Metropolitan Opera, the New York Philharmonic, Jazz at Lincoln Center, Chamber Music Society, and more.”

Eligible: All students

Dates: December - January 2025

Locations: Various depending on the event

Application Deadline: **Rolling Basis**

Cost: Free

Links: <https://www.lincolncenter.org/series/accessibility-at-lincoln-center/s/Passport%20to%20the%20Arts>
<https://customervoice.microsoft.com/Pages/ResponsePage.aspx?id=n0FMlk9R1UG28q0eX7MGR2syLJAVestHvkCP6QASqV9UOUdKUTU5SlkzVUJJWEpPVFBaVVA4VjgxTiQlQCNjPTEu>

Deadline Approaching: Rubincam Youth Writing Competition

“The Rubincam Youth Writing Competition was established in 1986 to honor Milton Rubincam for his many years of service to the National Genealogical Society and to the field of genealogy and recognize our youth as the next generation of family historians. The award winner receives a \$500 cash prize, a plaque, and a one-year NGS membership (non-print). Presentation details of the winning submission may appear in NGS Magazine.”

Eligible: All students

Application Deadline: **December 15**

Link: <https://www.ngsgenealogy.org/competitions/rubincam-youth-award/>

Audition Date Approaching: Brooklyn Youth Chorus Classes

“Brooklyn Youth Chorus will be offering in-person classes for all levels during the 2024/25 season. Classes are held 1-2 times weekly for 1-2 hours, depending on the age group and level. As students progress through Brooklyn Youth Chorus, they also have the opportunity to participate in performing ensembles.

Our performing ensembles work on special projects throughout the year, including live appearances, professional recordings, and original choral productions. No prior experience is required to sing with Brooklyn Youth Chorus. However, an audition is required in order to be placed within the Chorus.”

Eligible: All students

Dates: **December 17** (available audition times from 3:30 – 6 pm) & January – May
(for in-person classes)

Location: Brooklyn Youth Chorus (179 Pacific Street, Brooklyn)

Cost: Various (extensive need-based financial aid available)

Application Deadline: **Rolling Basis**

Links: <https://www.brooklynouthchorus.org/auditions>

<https://www.brooklynouthchorus.org/training-divisions>

Events Approaching: Building Beats: Brooklyn

“Beatmaker in Brooklyn? Join our open residency in Williamsburg with Los Sures Community Center (Southside United YSCH.)” This is a music production workshop.

Eligible: All students

Dates: **December 17**, and every subsequent Tuesday until 3/11/25 (3:30pm - 5:00pm)

Location: 622 Broadway, Brooklyn 11206

Application Deadline: **Rolling Basis**

Cost: Free

Link:

<https://airtable.com/app9WawpVRNUvt4P8/pagFuKsmlqGronbWi/form>

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Contests & Competitions:

New: The Secret Life of Everyday Items Essay Contest

Students are invited to “write a piece describing a common object you would make "smart". Tell us what it would do, how it would help people, and what could go wrong. The winner will receive up to \$1,000 as a prize.

Eligible: All students

Application Deadline: **February 1, 2025 (11:59 pm)**

Links: <https://www.engineergirl.org/154382/2025-Writing-Contest-Innovating-Smarter>

<https://www.engineergirl.org/154451/2025-Writing-Contest-Submission-Form>

Updated : Jewish Museum Teen Photo Contest

“Inspired by the exhibition *Ilit Azoulay: Mere Things*, the Jewish Museum invites middle and high school students to submit photographs that feature meaningful objects from their own lives that depict a personal, cultural, or historical connection. What story can an object tell about you, your community, or your family? How might we connect to parts of our own identity through objects, and how might they help us connect with one another? How can these ideas be represented in photographs?”

Eligible: All students

Application Deadline: **January 10, 2025**

Link: <https://thejewishmuseum.org/programs/teens>

Application Link:

<https://docs.google.com/forms/d/e/1FAIpQLSfSerDeGZxm8AloUPzbhbXCUcuQDrxySqcIgnEAVVEOJ7pFaA/viewform>

New: Stevens School of Business Trading Day Game/Competition

“Trading Day incorporates both a virtual and live trading competition, as well as educational webinars which are moderated by the finance faculty at Stevens on topics such as understanding:”

- How the stock market works
- What inflation is and how it affects the market
- What are the intricacies of the cryptocurrency markets
- How the Covid-19 pandemic affected the financial markets

Eligible: All current sophomores and juniors

Dates: February/March

Location: Virtual and in-person

Application Deadline: **January 20, 2025**

Cost: Free

Links:

<https://www.stevens.edu/school-business-high-school-programs-trading-day>
<https://undergradadmissions.stevens.edu/register/?id=b7de04a5-e690-488c-bcdd-1d891940a622>

Deadline Today:

Future Engineers ‘We Heart Veterans’ Pin Design Challenge

“Your challenge is to create a digital 3D model of a wearable pin to be 3D printed and distributed to U.S. veterans. Your pin should be original and designed to show appreciation or gratitude for veterans of any U.S. military service branch. Finalists will also each receive five prints of their design and a \$100 gift card toward a professional 3D print. The challenge winners (2 grand prize winners total) will win a trip for two to Columbus, OH, to attend a special event on Memorial Day at the National Veterans Memorial and Museum. Each winner will also receive a 3D printer donated to the school, library, or organization of their choice!”

Eligible: All students

Application Deadline: **December 13**

Link: <https://www.futureengineers.org/aeopvetsappreciation>

***Deadline Approaching:* Rubincam Youth Writing Competition**

“The Rubincam Youth Writing Competition was established in 1986 to honor Milton Rubincam for his many years of service to the National Genealogical Society and to the field of genealogy and recognize our youth as the next generation of family historians. The award winner receives a \$500 cash prize, a plaque, and a one-year NGS membership (non-print). Presentation details of the winning submission may appear in NGS Magazine.”

Eligible: All students

Application Deadline: **December 15**

Link: <https://www.ngsgenealogy.org/competitions/rubincam-youth-award/>

***Deadline Extended/Approaching:* Youth Communication Writing Contest**

“Youth Communication is sponsoring a writing contest for young people. For this month’s contest, we want to hear your perspective on cell phone bans. Answer the questions: If you’ve experienced a ban at your school, tell us how you feel about it. What has it been like? Has your experience at school changed at all? **OR** If your school has not banned phones, do you think they should? What if any rules around cell phones would make your experience at school better? We will choose three winners with prizes of \$150 (1st prize), \$75 (2nd prize), and \$50 (3rd prize.)”

Eligible: All students who are at least 14 years old

New Application Deadline: **December 20**

Link: <https://youthcomm.org/teen-writing-contest/>

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Opportunity Lists and Resources:

Click on the link below for a list of helpful lists and guides to a wide variety of programs and other opportunities:

<https://docs.google.com/document/d/1507ozc-AbhTI6DlTRBTQWMpRHToNMRki/edit?usp=sharing&ouid=111212941873538043271&rtpof=true&sd=true>

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Scholarships:

General List of Available Scholarships via Fastweb

<https://www.fastweb.com/college-scholarships/articles/scholarships-for-high-school-seniors>

Deadline Approaching: Science Ambassador Scholarship

The Science Ambassador Scholarship offers 5 \$20,000 tuition scholarship for a woman in science, technology, engineering, or math. Film a three-minute educational video of yourself explaining a STEM topic you're passionate about to be submitted.”

Eligible: Current female or non-binary seniors interested in STEM majors

Application Deadline: **December 16**

Link: <https://www.scienceambassadorscholarship.org/>

Deadline Approaching: Bright Lights Scholarship

“With its potential to open so many doors to the future, college should be accessible to everyone who wants it. Many students from low-income or first-generation households never consider college to be an attainable option. Regardless of one’s dreams, passions, or potential, college can feel impossible simply because of the cost.

This \$550 scholarship aims to support students who have had to overcome obstacles to pursue a college education.”

Eligible: All students who identify as an underrepresented minority and/or first-generation

Application Deadline: **December 25**

Link: <https://bold.org/scholarships/bright-lights-scholarship/>

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Resume & cover letter templates for basic student resumes may be accessed at the following links:

<http://jobsearch.about.com/od/resumesandcoverletters/l/blhighschool2.htm>

<http://jobsearch.about.com/od/resumetemplates/a/templatehs.htm>

Working Papers: Some jobs, internships, and programs do require students 14-17 years old to obtain working papers (official name: employment certificates). The necessary application form may be obtained from Mr. Myles Sebastien (who can explain the procedure and answer any questions) in the Stuyvesant Guidance Office (Room 236) between 8:00am – 3:30pm.

If you are selected for or enroll in any of the above opportunities, please inform

Mr. Blumm ASAP at: hblumm@stuy.edu

Whichever extra-curricular program, internship, or community service activity a student may participate in, they should be sure to ask their supervisor/coordinator to write a letter of appreciation before it concludes – it is sometimes very difficult to obtain this later on. And the more personal & detailed the letter, the better. A copy should then be submitted to your counselor.

Please feel free to contact Harvey Blumm at hblumm@stuy.edu with any questions or feedback on any items in this message, or with any suggestions or concerns you may have. **And always feel free to share any information about opportunities that may be of interest to our parents, teachers, or students.**