

Stuyvesant Student Opportunity Bulletin #5L

October 9, 2020

Please note that in this “**Long**” version of the Student Opportunity Bulletin, **all** opportunities in each category are included.

For the list of only the *New* and *Deadline Approaching* opportunities in each category, you may click & open the “**Short**” version of the Student Opportunity document you received.

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

New items always will be listed first in every category, followed by those with approaching deadlines (*Deadline Approaching*).

The continuing coronavirus situation has led to almost all opportunities for high school students shifting over to remote formats for the fall term. Students should consider applying to any that match their interests and talents. **Some program deadlines are fast approaching** – please do not miss them!

For example, **this weekend** there are deadlines for an upcoming free Quantum Computing class (check ACADEMICS), an interesting Sustainability-focused NYC Youth Leadership Council option (check LEADERSHIP), a free filmmaking program with Reel Works (check THEATER), and several others – scan the beginning of each category for these imminent events.

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

Events:

New: Event Approaching:

STEMs: Planting the Seeds for Female STEM Leaders of the Future

The Horace Mann School will be hosting a virtual conference that “aims to empower young women to pursue science, technology, engineering, and mathematics.” This event “will feature eminent female guest speakers, including the CEO of Boeing Defense, Space & Security, the first female Dean of NYU’s Tandon School of Engineering, executives from Amazon, Mastercard, Salesforce.com, and Stripe, as well as college engineering and computer science

students from Harvard, Stanford, and George Washington Universities.” Register at the link below:

Eligible: All Students

Date: Sunday, October 10 (12:00pm - 4:00pm)

Application Deadline: ASAP

Cost: Free

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

<https://www.eventbrite.com/e/stems-planting-the-seeds-for-female-stem-leaders-of-the-future-conference-tickets-110330996982>

New: Event Approaching: **Cultured Kids Cuisine Event**

“Cultured Kids Cuisine is a non-profit organization that works to educate children about various cultures through food & cooking. Cultured Kids Cuisine empowers young women to find success in entrepreneurship with an all-female team, networking & internship offerings, and more!” Join them on the weekends for live cooking classes by registering at the link below:

Eligible: All Students

Dates: **October 11 - 25**

Application Deadline: Rolling Basis

Cost: Free

Link: <https://culturedkidscuisine.wixsite.com/mysite>

New: **World Journal Online College Admissions Workshop**

Several expert speakers will discuss various aspects of the college admissions process, including college essay writing, financial aid, and how to adapt to online classes.

Eligible: All are welcome to participate

Date: Saturday, October 17 (2:00 – 4:00pm)

Application Deadline: Rolling Basis

Cost: Free

Links: <https://www.eventbrite.com/e/2020-world-journal-mcdonalds-fall-education-webinar-tickets-118197360487?aff=erelexpmlt>

New: Brandeis Splash

All high school students may register for a wide variety of courses taught by undergraduate students at Brandeis University. Classes will be 50 minutes long and take place virtually.

Eligible: All Students

Date: Saturday, November 14 (12:00pm - 5:00pm)

Application Deadline: Rolling Applications Basis – First come, first served

Cost: Free

Link: <https://brandeis.learningu.org/learn/Splash/index.html>

New: BioBus Science Town Halls & Science Resources

“BioBus hosts a Student Town Hall about a different issue in science live on **YouTube** every Thursday at 4pm ET — anyone can watch and ask questions. Each week, scientists will answer your questions live! Check the link below to view past sessions.

BioBus also offers a wide range of other activities & resources for students, including:

-Science Challenges @ Home: Students can engage in ‘hands-on’ topics ranging from DNA to Insects to Human Touch Receptors.

-Viral Card Game: How to play a simple game that will enhance your understanding of the coronavirus and other emerging viruses.

-Online Resources: Connect with working scientists, join citizen science projects, develop your own experiments, and more.

Eligible: All students

Dates: **Thursdays at 4:00pm** (for Students Science Town Halls)

Cost: Free

Links: <https://www.biobus.org/townhall/>
<https://www.biobus.org/at-home/>
<https://www.biobus.org/resources/>

Events Approaching: Applying to College: Two-Part Workshop

All students and parents are welcome to join in this introduction to the basics of the college admissions process, which is offered by outreach groups at Columbia Medical School.

Eligible: All students and parents

Dates: Monday, October 12 (1:00-3:00pm) and Tuesday, October 13 (5 – 7 pm)

Application Deadline: ASAP

Cost: Free

Links:

[file:///C:/Users/nycdoe/Downloads/College%20Workshop%20Flyer%20finaldraft\[1\].pdf](file:///C:/Users/nycdoe/Downloads/College%20Workshop%20Flyer%20finaldraft[1].pdf)

https://cumc.co1.qualtrics.com/jfe/form/SV_37VOaJDE0Sdoc1T

***Event Approaching:* Virtual College Information Sessions**

The Tiger Woods Foundation (**TGR Foundation**) offers a series of college admission sessions for high school seniors. These include general question & answer sessions, individual college presentations (such as Dartmouth on **Saturday, October 13**), and an exploration into legal studies (**October 22**).

Students may register for any sessions that they are interested in.

Eligible: All students

Dates: Various

Application Deadline: Rolling Basis

Cost: Free

Links: <https://www.eventbrite.com/o/tgr-foundation-17028194782>

https://www.eventbrite.com/e/virtual-college-info-session-darthmouth-college-tickets-122156410111?mkt_tok=eyJpIjoiTm9aO5UTTBOV1V6WmpOaSIsInQiOiJnalI1M3BEYmpsSldMN0hlZ21TNVF2aINtWTRNczNsUWFCVDZqM2xrVUZ2ZkpN

[bUJtTnNkVINuTm9UdXRLedIlN216aTl1RXZESk1zT05TZzRJTvvTdz09In0%3D](https://www.eventbrite.com/o/tgr-foundation-17028194782)

<https://www.eventbrite.com/o/tgr-foundation-17028194782>

The **TGR Foundation** has also made available free family resources for people seeking help in finding the right college fit and navigating financial aid. The site also provides fun design challenges students may complete on their own.

Link:

https://tgreduexplore.org/family-resources/?mkt_tok=eyJpIjoiTXpNM01HRTNNV1k0WXpBeCIsInQiOiJUYlFtRnFvS3RNVm1GMll3Q1hzaXJpVVRoQXorUTVYZXZ6RGFyUlpZdURvSWU4bUwzT0RUWURXdVFMcnpUaEdwZUhPcTc4RGJDTE96MIRLbWVZQVFcL3N4YmxzSkZMc0hIRjV2TmwrRDh0elFNZmw5YkxjcitpNFwwWkdRZlwwdmFsOCJ9

***Event Approaching:* Virtual College Fairs**

There will be a series of virtual college fairs for high school students this fall. These free informational events will include hundreds of colleges. There will also be separate fairs for Performing Arts schools, Architecture & Design schools, and more. The next general college fair will take place on **Monday, October 12.**

Learn more at these links: <https://virtualcollegefairs.org/>

<https://www.nacacfairs.org/virtual>

<https://virtualcollegefairs.org/events/6/exhibitors>

Scavenger Hunt: Now What, New York?

Open House New York and Archtober are hosting a 36-hour, five-borough outdoor scavenger hunt for participants “to explore how adversity has shaped New York into a city.” Participate solo or team up to win prizes in this competition. Check out the link below for additional details:

Eligible: All students

Dates: **October 17-18**

Location: New York City

Application Deadline: **October 15** (12:00pm)

Cost: \$15 for teams of 1-2 or \$25 for teams of 3-6

Link: https://aiany.secure.force.com/pmtx/evt_QuickEvent?id=a0b4N00002tclvF

The **World Maker Faire** at the New York Hall of Science will be virtual this year and will take place on **October 16-17**. This **free** event welcomes everyone with an interest in hands-on STEM-related activities. Learn more at:

<https://makerfaire.com/empire-maker-faire-2020/>

Open House New York allows everyone into hundreds of New York’s famous buildings, historical sites, and museums on the weekend of **October 17-18**. Due to the pandemic, this year’s festival will feature a hybrid of virtual experiences and

outdoor self-guided explorations. Some require advance reservations for these free visits, workshops, and entertainment.

Learn more at: <https://ohny.org/weekend>

Open House: Columbia University's **Lamont-Doherty Earth Science Institute** invites everyone interested in geology, earth science, and more to their Virtual Open House taking place on October 19-22. Free virtual lab tours, workshops, lectures, and presentations by leading scientists will be offered, including a session on 'Careers in Science.'

Eligible: All students

Dates: October 19 - 22

Application Deadline: Rolling Basis

Cost: Free

Links: <https://openhouse.ldeo.columbia.edu/>

<https://openhouse.ldeo.columbia.edu/events/when-am-i-going-use-dynamic-careers-science-explore>

<https://www.eventbrite.com/e/lamont-open-house-at-home-registration-121247172557>

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Academic Programs:

New: Deadline Approaching: **The Coding School** is offering a year-long quantum computing course complete with virtual and live weekly lectures and labs taught by MIT and Oxford quantum researchers. “Students will be introduced to the field of quantum, including quantum mechanics, quantum computation, and quantum algorithms.” No prior quantum computing or STEM knowledge is required.

Eligible: All students

Dates: October 18 – May 15

Application Deadline: **Rolling Basis: Round 1- October 9; Round 2- October 15**

Cost: Free (Full scholarship awarded to accepted students)

Links: <https://www.qubitbyqubit.org/programs>

<https://www.qubitbyqubit.org/register>

Deadline Approaching: **TGR Learning Lab**

“The TGR Learning Lab is focused on helping students learn and explore potential careers and college majors. This fall, they are offering two virtual classes. Learn more and register below:”

- **Introduction to Cybersecurity:** “Come join this interactive class where you will learn about the internet, how it works, binary code and encryption. With the gained Cybersecurity knowledge, you will understand the importance of privacy and how to stay safe online.”

- **Mind Craft – The Science of the Mind:** “A space for teens to explore the inner world of thoughts, emotions and unconscious habits through a series of hands-on investigations, mindfulness practices, and interactive group discussions. We will dive into neuroscience and psychology topics to understand how the mind works.”

Eligible: All students

Dates: **October 26 – December 10** (various dates and times afterschool)

Application Deadline: **October 15**

Cost: Free

Links: <https://tgrllfall2cyber.eventbrite.com/>

<https://tgrllf2camindcraft.eventbrite.com/>

http://2dtmj21mi5063k0al9311nkp-wpengine.netdna-ssl.com/wp-content/uploads/sites/14/2020/09/TGRF_2020_EastCoastEL_Fall2VirtualClasses.pdf?mkt_tok=eyJpIjoiWVRaaE0yRmlNREI5WWpJMCIsInQiOiJkbXZCa0tyZHVhMFVxR3pCM0ZWUHp2djQ0dm9LcVwvbFpNdXAreUZFUe4bFg1UzhNMXloVXNiRVB0TGpTclNNZnFBaXRNMm1UanFGOHl1d1FMT3JiQ3U3dWxiMXdGNVdvc1hTaHZSVkkwSUJSOFM5bzJsZkJKWRkxYUjhhR29pQnoifQ%3D%3D

***Class Approaching:* STEM Courses for High School Students**

Ivy Online offers online courses and online research programs to equip high school students with research skills in a variety of fields. It invites graduate students and faculty members as guest speakers to share the first-hand experience about research, college admission, career development, and more. Listed below are some of the courses to be offered this semester, and more are coming soon at the link below:

- Introduction to Machine Learning (Starting **Monday, October 12**): Now offering a supplemental course: “Python for Machine Learning.”
- Biochemical Crime Scene Investigation (Starting **October 19**): Discover the science behind forensics and criminal investigation, from basics to applications.

Eligible: All students

Dates: Various

Application Deadline: Rolling Basis

Cost: \$75-\$499 per course (20% discount on classes with code ACADEMY)

Link:

https://ivyonline.academy/?utm_source=sendinblue&utm_campaign=newsletter_grand_opening_923&utm_medium=email

Remote STEM & Business Programs

Students may register for a variety of remote offerings, which meet from four to seven weekly sessions this term. Options include Pre-med studies, Finance, and BioTech Research.

Eligible: All students

Dates: Various from October - December

Application Deadline: Rolling Basis

Cost: \$600 - \$1,200

Link: <https://www.bostonleadershipinstitute.com/fall-remote-stem-programs/>

Yale Young Global Scholars Summer Program

YYGS invites students to “experience life as a university student at Yale while attending an academic session of their choosing.” A variety of sessions are available, including Innovations in Science & Technology; Literature, Philosophy, & Culture; Politics, Law, & Economics; and Solving Global Challenges. Additional information and upcoming info-sessions are also available at the links below:

Eligible: All Sophomores & Juniors

Dates: June - July

Application Deadline: **November 10** (Early Action) or **January 12, 2021** (Regular Decision)

Cost: \$6,500 (need-based financial aid available)

Links: <https://globalscholars.yale.edu/how-to-apply>

<https://globalscholars.yale.edu/how-apply/info-sessions>

New York Math Circle Online

These excellent math programs still have a few openings for students who enjoy problem-solving and other aspects of mathematics. Interested students should register ASAP – tuition charges will be pro-rated for classes that have already begun.

“One typical program: The MS Math Contest Topics Workshop is now open! Please use this link: [2020 Online MS Contest Topics](#) and you can start the registration process. Spots are limited and quickly fill up.

When: MS Advanced Contest Topics: 10/17,10/24,10/31.

MS Intermediate Contest Topics: 10/25,11/01,11/8.

Where: Online

Cost: \$150 (Financial assistance available)

This mini-course consists of 3 workshops that cover topics encountered in Middle School Math Contests such as MATHCOUNTS and AMC 8. MSA students should go into the intermediate level, and MSB/MSD students should register for the Advanced level. Students not in our program should take the appropriate placement test.”

Eligible: All students

Date/Time: Weekend classes from September 26 – December 6

Cost: \$345 (Some financial aid available)

Application Deadline: ASAP

Link: <https://www.nymathcircle.org/students#F20SAHA>

New York Historical Society’s Tech Scholars Online Programs: All female students who would like to learn more about computer science & web design may apply to these online six-week programs. Participants work with museum staff and technology experts to develop a new museum-related website, with a focus on digital historical exploration.

Eligible: All female students

Dates:

- Tech Scholars Online: Web Design

- Wednesday afternoons (4:00-6:30) from October 7 – November 11
- Tech Scholars Online: Video Games
 - Tuesday afternoons (4:00-6:30) from November 10 – December 15

Application Deadlines November 5

Cost: Tech Scholars Programs are offered on a pay-what-you-want basis.

Link: <https://www.nyhistory.org/education/teen-programs/tech-scholars>

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Business & Jobs

New: InvestIN is offering a variety of live online work experience programs spanning 20 industries in 5 different categories: Medicine, Business, STEM, Law & Politics, and Creative. Students will have an immersive experience of the career they are interested in, receive personal career coaching, and meet and interact with industry professionals. Some programs are almost full, so register ASAP.

Eligible: All students ages 15 - 18

Dates: Various

Application Deadline: Rolling Basis

Cost: Various

Links: <https://investin.org/collections/all>

https://docsend.com/view/ewwqcm76y8uaj5uy?mc_cid=df097c70b4&mc_eid=cd7768e44d

Youth Exploring offers many free programs to familiarize students (grades 9-12) with a variety of career experiences. For instance, there are upcoming remote opportunities in **finance** (M & T Bank – 10/14; and Credit Suisse – 10/21), **engineering** (Structure Tone – 10/19), and in **law** with the Queens, District Attorney – 10/21, plus many others as well.

Eligible: All students

Dates: Various – Each program meets remotely once a week for several weeks

Application Deadlines: Various

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

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

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

Into the Future – In-Person Small Classes

“Into the Future is a new community learning space that invites young people to anticipate and lead change. Through classes, community projects, and special events, we focus on understanding how the world is changing and how we can influence the future together.” Teen Programs are listed below, learn more about them by using the links:

- **The Future of Tik Tok**
- **The Future of Creative Careers**
- **The Future of Computer Vision**
- **Entrepreneurs Club**

Eligible: All students

Date: Various

Location: 477 7th Ave Brooklyn, NY 11215

Application Deadline: Rolling Basis

Cost: \$220

Links: <https://www.intothefuture.nyc/>

<https://www.intothefuture.nyc/covid19-plans>

<https://www.intothefuture.nyc/sign-up-for-classes>

The Harvard Undergraduate Women in Business's BOLD Business

Leadership Conference invites all female high school students with an interest in business to attend their annual high school conference. Participants will learn about business and engage with current Harvard business majors and local business leaders. The conference will be virtual. Registration will open soon.

Eligible: All female students

Dates: **January 30-31, 2021**

Link: <https://www.huwib-bold.com/>

Seniors: Paid summer media-industry internships (with an affiliated scholarship) for students from ethnic groups which are under-represented in media corporations (including, among others, Latinos, Asian & African-Americans).

These spots are available at leading local media companies via the Emma Bowen Foundation. Eligible students who are interested in technical/engineering or news, broadcast, studio and other non-technical aspects of this industry are invited to apply.

Eligible: Current seniors from under-represented groups

Dates: Summer

Location: Various

Application Deadline: **Rolling Basis**

Links: <http://www.emmabowenfoundation.com/>

<https://www.emmabowenfoundation.com/application>

Careers: The U.S. government provides helpful career resources for students, such as a brief assessment they can use to learn about what professions might suit their interests and abilities. Learn more at these links:

<http://www.mynextmove.org/explore/ip>

<http://www.careeronestop.org/StudentsandCareerAdvisors/StudentsandCareerAdvisors.aspx>

<http://www.careeronestop.org/>

<https://kids.usa.gov/teens/jobs/a-z-list/index.shtml>

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Community Service

Shuang Wen P.S. 184 Internship

“Shuang Wen School, a public school in New York City also known as PS 184, is a bilingual elementary and middle school located in Manhattan’s Chinatown.”

Student volunteers are needed to volunteer in various subjects including Mandarin, Computer Science, Math, and English.

Eligible: All students

Date: 2020-2021

Application Deadline: Rolling Basis

Link:

https://docs.google.com/forms/d/e/1FAIpQLSe4q_ttSqj6qw4hmQucStAUdolDBBT9uDN03mdgnCDfYIYuhg/viewform?vc=0&c=0&w=1&flr=0

Lemontree Volunteering Opportunity

Two highly flexible volunteering opportunities with Lemontree:

- 1) “In It Together is a volunteer matching service founded at the start of the pandemic that makes volunteering at food pantries, senior centers and soup kitchens easy, fun, fulfilling and safe. We'll work with you directly to match you with a volunteer project wherever you are and whenever you're available. In It Together sends out high-need projects to volunteers via text so registering for projects is quick and simple! It's that easy.”
- 2) “Looking for the highest-impact, lowest-risk way to volunteer? Join our Flying Squad and help spread the word about our Food Help Hotline! We host flyer events 3-4 times a week in convenient and easy to access public areas across the city. Your event leader will provide you with all the materials necessary for the project and break you up into small groups to complete your route. Each event is less than 2 hours long and makes a huge impact in getting the word out to those who need emergency food assistance most.”

Eligible: All students

Dates: Various

Locations: Various

Application Deadline: Rolling Basis

Links: https://www.volunteermatch.org/results/opp_detail.jsp?oppid=3317146

https://www.volunteermatch.org/results/opp_detail.jsp?oppid=3317422

Brush with Kindness/Habitat for Humanity is an organization that paints, plants, and generally improves parks, schools, camp; other public spaces around the city.

Eligible: All students 14 and older

Dates: Various

Location: Various

Application Deadline: Rolling Basis

Links: <https://habitatnyc.org/volunteer/faq/>

<https://habitatnyc.org/volunteer/a-brush-with-kindness/>

Student of the Year Campaign: All students with experience or interest in community outreach, fundraising, or service, are welcome to apply for this seven-week program to raise money to benefit research in and treatment of leukemia and related conditions. Learn more and apply at:

<http://www.studentseries.org/high-schools/students-of-the-year>

Three Virtual Tutoring Opportunities

“MS54 6th Grade Academy Online, an after-school homework support program, will continue this Fall. They are offering three volunteer opportunities. Here are the descriptions and application links for each volunteer opportunity:

1) 6th Grade Academy Interns: We're looking for proactive, highly competent high school students passionate about making a difference in educational equity. These students will commit at least 4 hours a week (5-7 in the evening, twice a week) throughout the fall semester, serving as trouble-shooters for 6th Grade Academy Online, our after school homework support program. The google form for the internship application is [here](#).

2) 6th Grade Academy Tutors: We're looking for high school students, college students, or community members to work one-on-one with a struggling student on homework over Zoom. Volunteers will commit at least 90 minutes a week (5:15-6:45, Monday-Thursday) throughout the fall semester. To learn more and sign up, [follow this link](#)

3) On-Call School-Day Tutors: We're looking for high school students, college students, or community members to be available during a regular 70-minute slot during the school day to provide individual support over Zoom to students on an as-needed basis. To learn more and sign up, [follow this link](#). “

Eligible: All students

Dates: Fall semester

Application Deadline: ASAP

Links: [https://docs.google.com/forms/d/e/1FAIpQLScVy8BRTT6qWP_s7_Q0tP-](https://docs.google.com/forms/d/e/1FAIpQLScVy8BRTT6qWP_s7_Q0tP-AQwJO6c20RdL79dXF8EgI3puxw/viewform)

[AQwJO6c20RdL79dXF8EgI3puxw/viewform](https://docs.google.com/forms/d/e/1FAIpQLScVy8BRTT6qWP_s7_Q0tP-AQwJO6c20RdL79dXF8EgI3puxw/viewform)

[https://docs.google.com/forms/d/e/1FAIpQLSd6de2-z-](https://docs.google.com/forms/d/e/1FAIpQLSd6de2-z-4rq0NDdWpcAsR_P38pVbUoLfwlct6zRpH-KK7USw/viewform)

[4rq0NDdWpcAsR_P38pVbUoLfwlct6zRpH-KK7USw/viewform](https://docs.google.com/forms/d/e/1FAIpQLSd6de2-z-4rq0NDdWpcAsR_P38pVbUoLfwlct6zRpH-KK7USw/viewform)

<https://docs.google.com/forms/d/e/1FAIpQLScVGw8m88dpHmJYPsPuJwG120EoocPvwJE4Fi>

[h1IB8MzOn-Q/viewform](https://docs.google.com/forms/d/e/1FAIpQLScVGw8m88dpHmJYPsPuJwG120EoocPvwJE4Fi)

The **Museum of Mathematics High School Integrator Program** welcomes high school volunteer interns for the 2020-2021 school year. Interns work occasional days each week, and learn valuable leadership and career skills.

Eligible: All students

Dates: 2020-2021 School Year

Application Deadline: ASAP

Links:

<https://momath.org/wp-content/uploads/2017/05/MoMath-High-School-Volunteer-Program.pdf>

<https://momath.org/wp-content/uploads/2019/12/HSVolunteerApplication2019.pdf>

<http://momath.org/jobs/>

Virtual Volunteering Tutoring Opportunities

The Community of Volunteer Educators (COVE) is recruiting volunteers to serve as volunteer teachers/counselors for their virtual afterschool program, and general virtual tutors to support children in remote learning. COVE Afterschool welcomes volunteers of all backgrounds and experiences. A passion to work with kids is all that is required.

Eligible: Juniors and Seniors

Dates: September 28 – December 17

Application Deadline: ASAP

Links: <https://www.coveducators.org/home>

https://docs.google.com/forms/d/e/1FAIpQLSdXqgg8Gt1pk4TB7HPKaPcqNazg_wcNATcREoHrrtAxDKnTrA/viewform

https://docs.google.com/forms/d/e/1FAIpQLSfhTIEc6E_92TLO7tcNrXOh0cgzUR_R6JnHkkL-prwVzwi-v2w/viewform

MyVote Project Student Volunteer Opportunity:

“MyVote Project is a new, nonpartisan, voter education website. High school students can get involved in outreach, making content for the website, social media management, etc. This is a way for students to gain official community service hours from their home. It is run by high school students around the country and many Duke University professors.” If there are any questions, contact New York State Head for this organization, Meera Nagulendran at:

nagulendran.meera@bcchsny.net

Eligible: All high school students

Dates: 2020-2021 school year

Application Deadline: Rolling Basis

Link:

https://docs.google.com/forms/d/e/1FAIpQLSdVf76uJ8DJf3q3Qco4BC_ED1mfoCQDMuZr-q5K55g7RD5y_g/viewform?vc=0&c=0&w=1

The **Star Learning Center** needs volunteer tutors to help low-income younger students for a minimum commitment of two hours a week. They are now accepting applications for their remote school year tutoring program.

Eligible: Current sophomores, juniors, & seniors

Dates: 2020-2021 school year

Application Deadline: Rolling Basis

Links:

https://docs.google.com/forms/d/e/1FAIpQLSei7aXq_LusEe3qo7hcEjqLaJ3kstDn_hD_Q4KylpUmfPTiuDQ/viewform

Visions Intergenerational Program for the Blind/Visually Impaired

Visions is a local organization that helps the blind and visually impaired, welcomes students to apply for their volunteer summer intergenerational internships. Participants will work in pairs, to visit and assist blind New Yorkers. Learn more by contacting Jose Gil at: 646-486-4444, ext. 233, or at

jgil@visionsvcb.org

Eligible: All students

Dates: Fall term

Location: 135 West 23 Street, Manhattan

Application Deadline: Rolling Basis

Link:

<https://www.visionsvcb.org/get-involved/volunteering/volunteering-high-school-students/>

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Leadership/College Prep/Government/Law/Cultural/Programs

***New:* Local Government 101 -Workshop on NYC Government**

This insider's look at how the NYC municipal government actually works is open to all. Learn about the roles and powers of the various branches of government, and how communities can influence these political entities. This interactive session will be led by Wayne Ho and Anthony Ng, two rising young community leaders.

Questions about this even may be sent to: archana@coro.nyc

Eligible: All students

Date: **October 21** (6:00 – 8:00pm)

Application Deadline: **Rolling Basis**

Cost: Free

Link:

https://us02web.zoom.us/meeting/register/tZwvdeGurDoiH9B4IcvTNYf5yxV4z6VPyNgP?utm_source=Connection+Subscribers&utm_campaign=cba04b6c48-EMAIL_CAMPAIGN_2020_03_24_02_38_COPY_01&utm_medium=email&utm_term=0_d7b62994d3-cba04b6c48-188210969

***Deadline Approaching:* Sustainability Youth Leadership Council**

All students are welcome to join this NYC Department of Education group, which meets remotely twice a month to plan and implement conservation efforts in schools and communities. Participants develop organizational & leadership skills as they also work on the annual NYC Youth Climate Summit. There is an online information session next week – you may register at the link below.

Eligible: All students

Dates: Once a month meetings; Information session: **Thursday, 10/1@3:30pm)**

Application Deadline: **October 12**

Links:

https://drive.google.com/file/d/1y7jH-jVg56Z_2D7ksrGo9-sxIv1ucokP/view
<https://www.eventbrite.com/e/doe-sustainability-youth-leadership-council-information-session-registration-121012625019>

Deadline Approaching: The **Built By Girls Summit** invites students to join them in “a collection of live-streamed talks and workshops led by powerhouse womxn and non-binary experts in careers powered by technology, such as personal finance, media, and more.” Learn more about the schedule and participating speakers, and register below:

Eligible: All female & non-binary students ages 16 and older

Date: **October 17** (1:00 — 3:45pm)

Application Deadline: Rolling Basis

Cost: Free

Links: <https://www.builtbygirls.com/summit>

<https://primetime.bluejeans.com/a2m/register/pbfezygw>

Free Summer Overseas: The National Security Language Initiative allows high school students to study a variety of foreign languages overseas during summer, 2021. This free program is open to students between the ages of 15-18 at the time the program begins at the end of the school year.

Eligible: All students 15-18 years old at the time the program begins at the end of this school year.

Dates: Summer, 2021

Location: Various

Application Deadline: **November 5**

Cost: Free

Links: <http://www.nsliforyouth.org/>

<http://www.nsliforyouth.org/how-to-apply/>

Two free, full-year academic live-abroad programs offer high school students the opportunity to live and study abroad for extended periods of time. The **Kennedy-Lugar (YES) program** includes a number of foreign countries with significant Muslim populations, and the **Congress-Bundestag program** focuses on Germany (no previous language skills are required for either program). The application deadlines are in **early December**.

Eligible: All students

Dates: 2021-2022

Application Deadline: **December 1** (YES) and **December 8** (CBYX)

Cost: Free

Links: <http://yes-abroad.org/>

<https://usagermanyscholarship.org/apply/?state=New%20York>

Whatever It Takes is a social entrepreneurship & leadership program for high school students. Participants work together to create projects to improve their communities, and develop effective business models to succeed in their goals. All classes will be offered virtually.

Eligible: All students

Dates: Fall term

Application Deadline: ASAP

Cost: \$1,185 – Some financial aid is available

Link: <https://www.doingwit.org/college-credit>

Bronfman International Fellowship:

Current juniors who identify as Jewish are eligible for a free five-week summer travel fellowship in Israel. Participants also participate in follow-up events in the U.S.

Eligible: Current juniors who identify as Jewish & will be 16 by Summer 2021

Dates: TBA

Application Deadline: **December 3**

Cost: Free

Link: <http://www.bronfman.org/become>

NYC Youth Leadership Councils

NYC Youth Leadership Councils invite all students to apply for these policy/leadership groups with government agencies & non-profit groups that focus on youth issues affecting local communities. Opportunities with a wide variety of offices in all five boroughs are available. Participants develop professional & leadership skills, gain insight into college & career opportunities, and more.

Eligible: All students

Dates: Various

Location: Various

Application Deadline: Rolling basis

Links: <http://www.nycservice.org/pages/pages/74>

<https://growingupnyc.cityofnewyork.us/generationnyc/ylc-application/>

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Museums, Art, Photography:

***New:* BRIC Youth Media & Youth Curatorial Fellowships**

“There are two fellowship programs - The BRIC Youth Media Fellowship focuses on developing and producing the BRIC Youth Media Festival. This annual festival showcases short films of various genres created by NYC youth producers under 21 years old. Youth Media Fellows will gain skills and professional insight into the planning, curation, and promotion of a media festival. Fellows will learn video production and video editing, hear from various guest speakers, and create promotional print material. Meetings will be held virtually every Wednesday.”

“The Youth Curatorial Fellowship program will focus on developing and producing the 1st Annual Youth Contemporary Art Exhibition. Youth Curator Fellows will gain skills and professional insight into the planning, curation, installation and marketing of an art exhibition. Fellows will also learn how to film, edit video and design promotional materials. Meetings will be held virtually every Thursday.”

Eligible: Brooklyn residents in 10th, 11th, and 12th grades

Dates: **October 30 – June 17** (4:00 – 6:00pm)

Application Deadlines: October 12 (Youth Media) and 10/20 (Youth Curatorial)

Links: <https://www.bricartsmedia.org/education-media-resources/youthfamilies/bric-youth-media-fellowship>

<https://www.bricartsmedia.org/education-media-resources/youthfamilies/bric-youth-curatorial-fellowship>

Event Approaching: Metropolitan Museum of Art Teen Programs

The Met is offering various virtual programs to students who enjoy art. Registration is required. Below are some upcoming events, which take place almost every weekend:

- **Virtual Teen Studio – Unseen Historians: Tell Your Story (Saturday, 10/10: 2:00-4:00pm) and Fashion of the Future (12/5: 2:00-5:00pm)**
- **Career Labs – Exploring Diversity at Work (10/30: 4:30-6:30pm)**
- **Saturday Sketching (Saturdays until 10/24) 1:00-1:20pm)**
- **Teen Event – Virtual Teens Take The Met! (11/6: 3:00-8:00pm)**

Eligible: All students

Dates: Various

Cost: Free

Links: <https://www.metmuseum.org/events/programs/teens>

https://www.metmuseum.org/events/programs/met-studies/career-labs/hs-intern-info-session-oct-20?&eid=A001_%7b215EB87E-24D0-482A-AF37-8097C082CF04%7d_20200819171825

Class Approaching: Architecture: The Center for Architecture in Greenwich Village offers a **Design Discovery Program: Architectural Design Studio**, a six session program for “students interested in exploring the field of architecture and developing their portfolios.” “Students will learn fundamentals of architectural drawing, scale measurement and 3-D design as they work through several design projects.”

Eligible: Current sophomores, juniors & seniors

Dates: Saturdays from **October 17 – November 21** (9:30am-12:30pm)

Application Deadline: **ASAP**

Cost: \$450

Links: <https://www.centerforarchitecture.org/k-12/>

<https://www.centerforarchitecture.org/k-12/teen-programs/design-discovery/>

Event Approaching: Design Fairs: The **Cooper Hewitt Museum** invites interested students to attend several free virtual Design Fairs- all students are welcome to participate in these high-level events. At the first session (October 13), teens, college students, and emerging designers are invited to learn about the many shapes design careers can take from National Design Award (NDA) winners and guest designers. Get to know peers and hear stories about designers’ paths to

success in small breakout groups. The second event will offer tips & strategies for launching your design ideas.

All sessions begin at 5:00pm - Pre-registration is required.

Eligible: All students

Dates: October 13 & October 20

Application Deadline: Rolling Basis

Cost: Free

Links:

<https://www.cooperhewitt.org/event/design-fair-meet-the-designers-10-13-2020/>

<https://www.cooperhewitt.org/event/design-fair-how-to-launch-your-project-10-20-2020/>

Event Approaching: **Parsons Scholars: Art/Design for 10th Graders:**

Sophomores with financial need or from underrepresented groups who are interested in art or design are welcome to apply for this free two-year program at the **Parsons School of Design** on West 13th Street in Manhattan. Participants meet on Saturdays throughout the school year and throughout the summer, through senior year. Activities include classes, field trips, meetings with artists - Metro-cards and supplies are provided.

Applicants **must attend** the upcoming information session on Friday, October 16, via Zoom.

Eligible: Sophomores

Dates: Continues from sophomore through senior years

Location: 55 West 13 Street, Manhattan

Application Deadline: Information Session: October 16

Links: <http://scholars.parsons.edu/apply/>

<https://docs.google.com/forms/d/e/1FAIpQLScDhjFDqD5IUptTSh2e8qnC3YpvcFZhS5TS3j87RggMyixrvQ/viewform>

The **Noguchi Museum** in Queens offers its remote Teen Advisory Board internships to NYC students with an interest in arts administration & museums. Participants work with professionals on a variety of projects, and receive a \$500 stipend.

This year, TAB interns will become immersed in social justice issues using Isamu Noguchi's art and the art of others as the basis for sparking discussion on identity and racial inequities. Through learning about the social role of art, TAB interns will collaborate on a final printed project promoting anti-racist activism.

Eligible: All students

Dates: Thursday afternoons (4:15 – 5:30) from November 5 – May 6

Application Deadline: **October 28**

Links: <https://noguchieducation.wufoo.com/forms/teen-advisory-board-application-202021/>

The **Center for Architecture's Architecture and Design College Fair**

“An opportunity for students, parents, and school counselors to interface with school representatives from architecture schools. Students can visit school booths virtually to learn more about program offerings and schedule one-on-one meetings with school representatives. Registration is required.”

Eligible: All students

Date: **November 7** (12:00-4:00pm)

Application Deadline: Rolling Basis

Cost: Free

Link:

<https://www.centerforarchitecture.org/k-12/teen-programs/architecture-college-fair/>

Free Friday Nights at the Rubin Museum

The Rubin Museum focuses on the art of Himalayan regions, with a wide range of interesting exhibits. Free tickets sell out quickly, so interested students should register ASAP!

Eligible: All students and parents

Dates: Friday evenings from 6:00 – 10:00

Location: 150 West 17 Street, Manhattan

Cost: Free

Links:

https://rubinmuseum.org/events/series/free-friday-nights?mc_cid=4da1aa0cd7&mc_eid=d48393664e

<https://rubinmuseum.org/visit/plan>

Whitney Museum Events and Programs

The Whitney Museum is hosting various events for those interested in art. There is a series of **Art History from Home** events focusing on topics such as Queer Belonging, Picturing the Mexican Revolution, and more. Registration is required.

Eligible: All students

Dates: Various

Cost: Free

Link: https://whitney.org/events?event_category=online

HeARTwork Against Hate Art Contest

Students may use this opportunity & platform to use artistic expression as an outlet against scapegoating, injustice, and other important issues. Artwork must be original and related to the overall theme, and all art forms are eligible, including drawing, collages, paintings, photography, sculpture, poetry, computer graphics, 3D Art, etc. The top prize is \$500, and selected artwork will be displayed around the city.

Eligible: All students

New Application Deadline: **October 31**

Link: <https://www1.nyc.gov/site/stophate/resources/heartwork.page>

The **Metropolitan Museum of Art High School Internship Program** is accepting applications from current sophomores & juniors for Spring 2021. Participants engage in a variety of museum activities, help plan teen art events, and work with museum professionals.

Eligible: All sophomores & juniors

Dates: January – June

Location: 1000 Fifth Avenue, Manhattan

Application Deadline: **November 9**

Link:

<https://www.metmuseum.org/about-the-met/internships/high-school/spring-high-school-internships>

The **Studio Museum** in Manhattan offers a free eight-month digital **photography program** for high school students. It combines photography with a study of famous photographers, and all are welcome to apply. Meetings will take place Tuesdays from January 5 – August 3 online.

It also offers a **Teen Leadership Council**, which develops programs and outreach initiatives to youth, with virtual meetings on Wednesdays from January 6 – June 24, 2021.

Eligible: All students

Dates: January - August

Application Deadline: **November 13**

Links: <https://www.studiomuseum.org/expandingthewallsapply>

<https://www.studiomuseum.org/teenleadershipcouncilapply>

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Parks/Nature:

The NYC Parks Department offers a variety of volunteer positions throughout the city via its Green Teams program. All students may apply. To learn more, send an email to: Green.Teens@parks.nyc.gov

The NYC Parks Stewardship program also offers several volunteering opportunities such as forest restoration, tree planting, and invasive removal. All students may apply. To learn more, send an email to: stewardship@parks.nyc.gov

And, “It’s My Park” is a program that engages volunteers in cleaning and beautifying parks across the five boroughs. There are also other volunteer programs and partner organizations of the NYC Parks Department students may check out at: <https://www.nycgovparks.org/opportunities/volunteer>

Links: <https://www.nycgovparks.org/programs/recreation/teens>

<https://www.nycgovparks.org/reg/stewardship>

https://www.nycgovparks.org/events/its_my_park_day

Prospect Park needs student volunteers for a variety of jobs, including special events throughout the year. All students are welcome to apply:

<https://www.prospectpark.org/get-involved/volunteer/youth-and-family-volunteer-opportunities/individual-teens-and-families/>

<https://www.prospectpark.org/get-involved/volunteer/>

Van Cortlandt Park Volunteer Opportunities:

Van Cortlandt Park has numerous volunteering events throughout the Fall semester. Volunteers will help clean up the park and remove non-native invasive plants. Volunteers must wear a mask and practice social distancing while volunteering. VPCA will provide all work tools and supplies.

Eligible: All Current Students (even non-Bronx residents may apply)

Dates: Various throughout Fall semester

Location: Van Cortlandt Park in the Bronx

Link: <https://vancortlandt.org/calendar-of-events/>

NYC Rangers Conservation Corps Internships: All students with an interest in urban parks and environmental issues are eligible to apply. Participants meet once a week after school for several hours, and the program lasts eight weeks. Interested students should apply ASAP via the following links:

Eligible: All students

Dates: Afterschool, one afternoon per week for 8 weeks

Location: Various parks

Application Deadline: **Rolling Basis**

Links: <https://www.nycgovparks.org/programs/rangers/conservation-corps>

<https://www.nycgovparks.org/programs/rangers/conservation-corps/contact>

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Stem Opportunities:

Engineering/Math/Computer Science:

***New: Deadline Approaching:* York College NASA Aerospace STEM Program**

This free virtual program focuses on encouraging students from traditionally under-represented groups (African-American, Latinx, Asian-American/Pacific Islander, Native American) to develop their knowledge and skills in aerospace/STEM subjects & careers.

Eligible: All students, with focus on historically underserved & underrepresented youth

Dates: **October 17 – November 21** (Saturday mornings from 9:00am – 12:00pm)

Application Deadline: **Tuesday, October 13**

Cost: Free

Links:

<https://www.york.cuny.edu/academics/departments/arts-and-sciences/nasa-maa>

<https://www.nasa.gov/stem/murep/MAA/index.html>

<https://www.york.cuny.edu/academics/departments/arts-and-sciences/nasa-maa/application>

New: Event Approaching: Celebrate **Global Math Week 2020** with the Museum of Mathematics. Each day of the week, they will present a lesson on the topic of *Exploding Dots*. See and experience what millions across the globe regularly call “mind blowing”! Enjoy **FREE** daily online sessions from **Saturday, October 10**, through **Friday, October 16**, at **11:30 am** and **5:00 pm ET (New York)**.

Saturday, October 10: The Five-Card Mind-Reading Trick

Set the scene for deep understanding of place value.

Sunday, October 11: Wild Machines

Focus on base ten and why we humans are drawn to it.

Monday, October 12: Weird English ... and Addition and Multiplication

Gain a deep understanding of long addition and multiplication.

Tuesday, October 13: Dots and Tods ... and Subtraction

Experience an astonishing way to make sense of long subtraction.

Wednesday, October 14: Mind-Blowing Division

See how long division can be made exceptionally clear.

Thursday, October 15: Fractions as Decimals ... and something Irrational - View fractions as decimals and meet the infinite.

Friday, October 16: Going Completely Wild: Base one-and-a-half, and beyond! -Don't miss the culminating event: Yes, it will be wild!

Link: <https://momath.org/home/global-math-week/>

***New:* ChickTech High School**

This year-long virtual program for young women provides hands-on workshops, mentoring, and internship opportunities for female students. Participants become part of a supportive community that will help them learn to create technology.

Interested students should email a request for an application from:

programs@chicktech.org

Eligible: All female-identifying or non-binary students.

Dates: Program begins **October 24**

Application Deadline: ASAP

Cost: Free

Link:

https://chicktech.org/for-students/highschool/?mc_cid=3e6bbc1db0&mc_eid=8011bfb91e

Blue Stamp Engineering Classes

Students engage in hands-on engineering & tech projects in fields of their choice, including robotics, coding, electronics, and more. They may register individually or as a small group – classes consist of 3-5 students.

Eligible: All students

Dates: Weekly beginning **October 12**

Application Deadline: Rolling Basis

Cost: \$500

Link: <https://bluestampengineering.com/friends/>

Engineering Essay Contest invites all students to “submit a piece of writing that salutes engineering’s role in meeting and defeating the challenges presented by COVID-19.” The top prize is \$500.

Eligible: All students

Application Deadline: **February 1, 2021**

Links: <https://www.engineergirl.org/134513/2021-contest>

<https://www.engineergirl.org/134518/2021-rules-and-regulations>

2020-2021 Modeling the Future Challenge

“The Modeling the Future Challenge is a real-world competition for high school students combining math-modeling, data-analysis, and risk-management into one exciting challenge. To compete, students conduct their own research project modeling real-world data to analyze risks and make recommendations to companies, industry groups, governments, or organizations.” **Winners will receive a \$60,000 reward.**

Details: “To start the challenge, students must complete a Scenario in which they are given a real-world dataset and must answer approximately 30 fundamental questions regarding statistics and mathematical modeling to make sure they have developed the skills needed to complete their own actuarial research project. For all teams passing through the scenario phase, they will define and conduct a project of their own choosing - following the Actuarial Process as a guide - and will complete a research report detailing their methodology, analysis, and recommendations. All teams accepted into the Project Phase of the program will be connected with an actuary mentor to help guide the students through the Actuarial Process and complete their research report.”

Students can be from formal, informal, or home-school groups.

Eligible: All juniors and seniors

Dates: **November 16** (Registration closes)

Cost: Free

Links: <https://www.competitionsscience.org/competitions/modeling-the-future-challenge-2020-21/>

https://www.mtfchallenge.org/register-your-team/?utm_source=MTFChallenge+Subscribers&utm_campaign=270367a4c3-EMAIL_CAMPAIGN_2020_09_06_02_25&utm_medium=email&utm_term=0_8c354a3c91-270367a4c3-161458327

Paid engineering lab internships at U.S. Navy labs around the country are available to 10th-12th grade students 16 and older. These Science & Engineering Apprenticeship Program (SEAP) spots are for eight weeks in the summer, and pay a stipend of \$3,500 to participants. The nearest participating facilities are in New Jersey and Connecticut; no housing is provided. **It is possible that the program will be switched to a virtual format, depending in the coronavirus situation.**

Eligible: Sophomores, juniors, and seniors who are U.S. citizens; limited opportunities for permanent residents

Dates: Eight weeks in summer

Location: Various

Application Deadline: **November 30**

Links: <http://seap.asee.org/>

http://seap.asee.org/program_details

The **Congressional App Challenge** invites students with an interest in computer science to develop and submit original apps that can be used by the United States Congress. Interested students may check the links below to learn if their congressional district participates in this program:

Eligible: All students

Application Deadline: Rolling Basis

Links: <https://www.congressionalappchallenge.us/students/student-registration/>
<https://www.congressionalappchallenge.us/>
<https://www.congressionalappchallenge.us/students/participating-districts/>

Museum of Mathematics Programs & Resources:

Many of MoMath's programs are being offered for **free or at a reduced rate** for those in need — please visit individual event pages for more information.

MoMath at a Glance	
Ongoing	<i>Mind-Benders for the Quarantined!</i> , weekly mathematical puzzles from MoMath's puzzle master, Dr. Peter Winkler
	<i>MoMath Online: Student Sessions</i> , educator-led sessions for pre-K to 12 students exploring math from home
	<i>MathPlay</i> , the preschool program at MoMath
Accepting applications	<i>Expansions</i> , the gifted program at MoMath for students in first grade through high school
	<i>Steven H. Strogatz Prize for Math Communication</i> — for students 15 to 18 years old
	<i>MOVES 2021, Mathematics of Various Entertaining Subjects</i> — submit an abstract or activity for MoMath's fifth biennial conference
Fri, Oct 9	<i>Folding Fridays</i> — learn to fold unique origami designs

Fri, Oct 9	<i>Family Fridays</i> : “Flying Math: Can math help you juggle?” with John Chase
Sat, Oct 10	<i>Global Math Week: “The Five-Card Mind-Reading Trick”</i> with James Tanton
Sun, Oct 11	<i>Global Math Week: “Wild Machines”</i> with James Tanton
Mon, Oct 12	<i>Global Math Week: “Weird English ... and Addition and Multiplication”</i> with James Tanton
Tues, Oct 13	<i>Global Math Week: “Dots and Tods ... and Subtraction”</i> with James Tanton
Wed, Oct 14	<i>Global Math Week: “Mind-Blowing Division”</i> with James Tanton
Thu, Oct 14	<i>Math Gym</i> , a workout for your brain
Thu, Oct 14	<i>Mathematical Fusion: “Electrical Circuits and Random Walks”</i> with Paul Zeitz
Thu, Oct 15	<i>Global Math Week: “Fractions as Decimals ... and something Irrational”</i> with James Tanton

Thu, Oct 15	<i>Meet a Mathematician</i> featuring renowned astrophysicist Mario Livio
Thu, Oct 15	<i>Alice's Adventures in Short Division</i> with Joshua Zucker
Fri, Oct 16	<i>Folding Fridays</i> — learn to fold unique origami designs
Fri, Oct 16	<i>Global Math Week: “Going Completely Wild: Base one-and-a-half, and beyond!”</i> with James Tanton
Mon, Oct 19	<i>Pythagoras to Present Day: Math's Greatest Hits</i> with Alex Kontorovich
Tue, Oct 20	<i>The 2020 MoMath Gala: Real and Rational</i>
Wed, Oct 21	<i>Mathematical Fusion: “Number Theory and Statistics”</i> with Paul Zeitz
Fri, Oct 23	<i>Folding Fridays</i> — learn to fold unique origami designs
Fri, Oct 23	<i>Equilibrium</i> , MoMath's adult evening of mathematical games
Sun, Oct 25	<i>Tween Primes</i> , the MoMath book club for teens and tweens: <i>Uncle Petros and Goldbach's Conjecture: A Novel of Mathematical Obsession</i> by Apostolos Doxiadis

Sun, Oct 25	<i>Unlimited</i> , MoMath’s mix-n-mingle program for students in middle and high school
Mon, Oct 26	<i>Pythagoras to Present Day: Math’s Greatest Hits</i> with Alex Kontorovich
Tue, Oct 27	<i>OED: Homework Help... for Parents!</i>
Wed, Oct 28	<i>Mathematical Fusion: “Geometry and Number Theory”</i> with Paul Zeitz
Thu, Oct 29	<i>Lost Treasures of the Multiplication Table</i> with Joshua Zucker
Fri, Oct 30	<i>Folding Fridays</i> — learn to fold unique origami designs
Mon, Nov 2	<i>Pythagoras to Present Day: Math’s Greatest Hits</i> with Alex Kontorovich
Wed, Nov 4	<i>Math Encounters</i> : “I’m Continuously Amazed: The Elegance and Power of Continuity” with Sam Vandervelde
Thu, Nov 5	<i>Ask a Mathematician — Anything!</i> with Alex Kontorovich
Fri, Nov 6	<i>Folding Fridays</i> — learn to fold unique origami designs

Sat, Nov 7	<i>Krazy Kahoot</i> with Steve Sherman
Tue, Nov 10	<i>Loving Math</i> with Steve Sherman
Wed, Nov 11	<i>Coins in Twoland</i> with Joshua Zucker — session one of a two-session program
Thu, Nov 12	<i>Coins in Twoland</i> with Joshua Zucker — session two of a two-session program
Fri, Nov 13	<i>Folding Fridays</i> — learn to fold unique origami designs
Fri, Nov 13	<i>Family Fridays</i> : “M-Cubed: Math, Mystery, and Magic” with Steve Sherman
Mon, Nov 16	<i>Pythagoras to Present Day: Math’s Greatest Hits</i> with Alex Kontorovich
Wed, Nov 18	<i>Math Gym</i> , a workout for your brain
Thu, Nov 19	<i>Meet a Mathematician</i> featuring Benedict Gross
Fri, Nov 20	<i>Folding Fridays</i> — learn to fold unique origami designs

Fri, Nov 20	<i>The Liar, the Glitch, and the Axiom of Choice</i> — a collaboration with brilliant.org
Fri, Nov 20	<i>Equilibrium</i> , MoMath's adult evening of mathematical games
Sun, Nov 22	<i>Tween Primes</i> , the MoMath book club for teens and tweens: <i>Flatland: A Romance of Many Dimensions</i> by Edwin A. Abbott
Sun, Nov 22	<i>Unlimited</i> , MoMath's mix-n-mingle program for students in middle and high school
Mon, Nov 23	<i>Pythagoras to Present Day: Math's Greatest Hits</i> with Alex Kontorovich
Tue, Nov 24	<i>OED: Homework Help... for Parents!</i>
Wed, Dec 2	<i>Math Encounters</i> : "Breaking Up Is Hard To Do: The Art of Decomposition" with Jordan Ellenberg
Fri, Dec 4	<i>Folding Fridays</i> — learn to fold unique origami designs
Thu, Dec 10	<i>Mathematical Magic Tricks</i> with Joshua Zucker

<p>Aug 8 to 10, 2021</p>	<p>MOVES 2021, <i>Mathematics of Various Entertaining Subjects</i> — MoMath’s fifth biennial conference in New York City</p>
<p>Sept 7 to 10, 2021</p>	<p>Meet Me in Paris: MATRIX x IMAGINARY 2021 — the biennial MATRIX conference in Paris, France with partners IMAGINARY and Institut Henri Poincaré</p>

MoMath Online: Student Sessions for pre-K through 12

Ongoing, Mondays through Fridays

Parents, enroll your children in engaging, interactive math exploration in the popular *MoMath Online: Student Sessions* program. Break the boredom of being at home with a journey into the wonderful and intriguing world of mathematics, guided by an experienced MoMath educator. Morning and afternoon slots available every weekday, Monday through Friday! For more information and to register, visit studentsessions.momath.org.

Steven H. Strogatz Prize for Math Communication

Cash prizes will be awarded for compelling math communication projects, and award-winning projects will be posted online. Projects will be accepted in the following categories: Apps or digital interactives, Audio, Performance, Social media, Video, Writing. Projects should be suitable for sharing with a general audience and should inspire an interest in or appreciation of mathematics. **High school students can work in pairs, small teams, or individually.**

Eligible: All students

Application Deadline: **April 21, 2021**

Links: <https://momath.org/the-stein-h-strogatz-prize-for-math-communication/>

The Museum of Mathematics (MoMath) High School Integrator Program welcomes high school volunteer interns for the 2020-2021 school year. Interns work occasional days each week, and learn valuable leadership and career skills.

Eligible: All students

Dates: 2020-2021 School Year

Application Deadline: ASAP

Links:

<https://momath.org/wp-content/uploads/2017/05/MoMath-High-School-Volunteer-Program.pdf>

<https://momath.org/wp-content/uploads/2019/12/HSVolunteerApplication2019.pdf>

<http://momath.org/jobs/>

Data for the People (D4P)

“Data for the People (D4P) is a weekly, interactive web-series that invites all people to engage with relevant scientific research topics, such as COVID-19. Scientific research topics are presented by scientists in our communities—directly from the primary scientific literature—and explored in a way that maintains the rigor of the research, while eliminating the inaccessible jargon.”

Link:

https://rockedu.rockefeller.edu/d4p/mc_cid=1ea971ba50&mc_eid=bd600c268c

The NCWIT Aspirations in Computing Award Program welcomes female students with an interest in computing and technology to apply for their awards.

Eligible: All female students

Application Deadline: November 5

Links: <https://www.aspirations.org/participate/high-school>
<https://www.aspirations.org/aspirations-computing-application-step-step-guide>

NASA offers a variety of resources and programs for students interested in aerospace technology.

Links: <https://www.nasa.gov/audience/forstudents/current-ops-index.html>
https://www.nasa.gov/audience/forstudents/9-12/index.html#.UtAyv_vAG2k

Connectory: An outstanding compilation of local opportunities in science, mathematics, and other related disciplines. Once on the site, just enter your zip code and area of interest to obtain comprehensive, up-to-date information on compatible programs for your student.

Link: <http://theconnectory.org/>

Medical/Life Sciences

***New:* Baseline Med Writer**

“Baseline Med is a platform for students to learn more about the medical field through the perspectives and opinions of pre-med students and physicians.” They are committed to promoting diversity in medicine and a support network for students interested in the medical field. Students interested in writing for Baseline Med can register at the link below:

Eligible: All students

Dates: 2020 – 2021

Application Deadline: Rolling Basis

Cost: Free

Links: <https://baselinemed.com/>

<https://docs.google.com/forms/d/e/1FAIpQLSfDsU53nCn05PT7Z-IeL2BxHtZbdN4R4SYReB0vcvr54ZJqLQ/viewform>

Event Approaching: Speaker Event: Pediatrician Dr. Brandon Mogrovejo

Students are welcomed to virtually attend a virtual event at which Dr. Brandon Mogrovejo will talk about patient narratives and his project to create comics to educate youth about health. Students interested in medicine or the arts are encouraged to join. Registration is required.

Eligible: All students

Date: **October 17** (11:00am)

Application Deadline: Rolling Basis

Cost: Free

Link: https://cumc.co1.qualtrics.com/jfe/form/SV_9Ti1WZFcNyPNqIZ

Health Care Professions Week Virtual Fair (11/14-11/19) provides an array of online activities for high school students to explore and learn about career pathways, programs, and other opportunities in the many fields of medical practice. Interested students may learn more and register at:

Eligible: All students

Dates: November 14 - 19

Application Deadline: Rolling Basis

Cost: Free

Links: <https://explorehealthcareers.org/hpw/>

<https://www.careereco.com/Fair/EventDetails?fairId=3078c9c2-a1d3-41d5-b1a7-aba001499ce5>

Rockefeller University offers an outstanding, free seven-week summer science research program for students 16 and older (at start of program). This SSRP program matches selected students with individual mentor scientists.

Eligible: All students 16 and older by June 28

Dates: June 28 – August 5

Application Deadline: **January 4, 2021**

Cost: Free

Link: <https://www.rockefeller.edu/outreach/lab-initiative/summer-science/>

GenHERation Trailblazer Series:

“The GenHERation Trailblazer Series highlights groundbreaking women who have created their own career paths. This series will provide participants with meaningful ways to learn from accomplished experts, develop new skills, and

prepare for future career opportunities.” The next session will feature an emergency room physician-turned author - Learn more at the links below:

Eligible: All female students

Dates: Wednesdays from **October 7 - December 9** (7:00 — 7:30pm)

Cost: Free

Link: <https://genheration.com/trailblazer-series/>

<https://genheration.com/event/trailblazer-series-dr-kimmery-martin/>

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Theater/Writing/Music/Video:

New: Deadline Approaching: Reel Works Documentary Filmmaking Program

This high-level program is an intensive, 24-week filmmaking workshop offered to NYC high school students. Applicants should want to learn how to use film to express their creativity.

Eligible: All students

Dates: **November 9 – April 27** (Mondays & Tuesdays from 4:00 – 6:00pm)

Application Deadline: **Monday, October 12**

Cost: Free

Links: <https://www.surveymonkey.com/r/DocLab2020>

<https://www.surveymonkey.com/r/NLab2021>

New: Deadline Extended: The **Teen Producers Academy** invites 10th – 12th graders to apply for their free after school documentary-making program. It meets on Thursday afternoons (4:00-6:00) for the duration of the school year. Participants produce a documentary film about a local community issue of interest to them. Preference is given to residents of upper Manhattan & the Bronx, **but all are welcome to apply.**

Eligible: 10th, 11th, and 12th grade students – preference to upper Manhattan & Bronx residents.

Dates: November 2020 – Spring 2021

New Application Deadline: **October 16**

Cost: Free

Links: <https://www.maysles.org/teen-producers-academy>

<https://www.maysles.org/tpa-2020-application>

Deadline Approaching: The **MCC Theater Youth Company** is offering free weekly acting & playwriting workshops to students between 14-19 years old. These meet one afternoon per week after school. Interested students must register

for required remote after school auditions (4:30-6:30) on **October 13 & October 15**

Eligible: All students

Dates: Fall Term

Application Deadline: **October 12**

Cost: Free

Links: <https://mcctheater.org/public-engagement-education/youth-company/>
<https://docs.google.com/forms/d/e/1FAIpQLScOU7zOtGSOPMhXkDCMd7c-lcdqfIFUVjvpGfprnGi4uTIE1w/viewform>

Deadline Approaching: Journals of Color

“Journals of Color (JOC) is an online monthly literary magazine for teens by teens based in the Bronx. Each issue will be centered around an important theme reflecting current events. While this magazine primarily serves Bronx teens, teens from other parts of NYC are encouraged to apply if they wholeheartedly identify with the mission of JOC. Writers, artists, and photographers will have 2-3 weeks to create a meaningful poem every month. Leadership positions to learn about graphic design and marketing are available.”

Eligible: Preference to students residing in the Bronx, but all may apply

Dates: November 1 – May 31

Application Deadline: **October 12**

Cost: Free

Links: <https://journalsofcolor.wixsite.com/journalsofcolor>
https://docs.google.com/forms/d/e/1FAIpQLSfbAtoqliw-ynPAW4aaBwH1Q-bQ_9vWEqEmrIVLiQSmIfc_nw/viewform

<https://linktr.ee/journalsofcolor>

Poetry Competition: Hollins College in Virginia offers high school **female** poets (current 10th & 11th graders) the opportunity to submit a poem to their annual competition. Students can win a \$350 first prize, along with a chance to have their work published.

Eligible: Current 10th & 11th grade female students

Application Deadline: **October 31**

Link: <https://www.hollins.edu/academics/majors-minors/english-creative-writing-major/nancy-thorp-poetry-contest/>

The **Bennington Young Writers' Awards** invites all 10th – 12th graders to submit poetry, fiction, and nonfiction original works. The top prize is \$500, and the application deadline is **November 1**. Learn more and apply at:

<https://admissions.bennington.edu/register/youngwriters>

Letter to Congress Writing Contest: The Pulitzer Center invites all students to enter by writing a letter to Congress about a global issue that they consider important. Topics should be based on news stories in the Pulitzer site's news center.

Eligible: All students

Application Deadline: **November 13**

Links:

http://www.pulitzercenter.org/builder/lesson/local-letters-global-change-pulitzer-center-writing-contest-24976?utm_source=email&utm_medium=educationnewsletter&utm_campaign=9262018
<http://www.pulitzercenter.org/>

The **Tisch Spring Future Artists Program** welcomes 9th, 10th, and 11th grade students to apply for a variety of **free workshop classes** that take place on 14 Saturdays from February – May 2021. These include filmmaking, game design, dance, music, writing and more.

Eligible: All freshmen, sophomores, and juniors

Dates: Classes meet on Saturdays from February 6- May 15

Location: NYU Tisch, Manhattan

Application Deadline: **November 16**

Cost: Free

Links: <https://tisch.nyu.edu/future-artist/programs>

<http://tisch.nyu.edu/special-programs/admissions/spring-future-artists-program-requirements>

The **Scholastic Art & Writing Awards Program** is now accepting student submissions in 28 different creative categories – learn more about these prestigious & lucrative awards (which our students have excelled in) at the links below:

Eligible: All students

Application Deadline: **December 4**

Links: <http://www.artandwriting.org/affiliate/NY001W/>

<https://www.artandwriting.org/what-we-do/the-awards/how-to-enter/>

Human Rights and Immigration Essay Contest: The Kemper Foundation invites **all students** to submit essay entries on the following topic:

“Confronted with the coronavirus pandemic, countries around the world are making policy changes that affect human rights. How well is the United States meeting the goals of limiting the spread of the virus and preserving human rights? If there is a single issue that stands out above all the others, feel free to focus on that issue.”

The top prize is \$1,000, and the application deadline is **December 10** (Human Rights Day). Learn more below:

Eligible: All students

Application Deadline: **December 10**

Links: <https://khref.org/2020-essay-contests/>

<https://khref.org/wp-content/uploads/2020/06/1.-U.S..pdf>

Japan Center Essay Competition

The Japan Center at Stony Brook University (JCSB) has announced the 16th Annual JCSB Essay Competition at Stony Brook University, sponsored by Canon U.S.A. The aim of the JCSB essay competition is to provide young Americans with an opportunity to think creatively and critically about their lives by relating

them to some aspect of Japan to help them broaden their horizons and develop global citizenship. Winners will receive cash prizes up to **\$3000** in addition to a **Canon camera**. Rules and details can be found at:

<https://www.stonybrook.edu/commcms/japan/programs/essay-comp.php>

Eligible: All high school students

Application Deadline: **January 8, 2021**

Link: <https://www.stonybrook.edu/commcms/japan/programs/essay-comp.php>

The **JFK Profiles in Courage** essay contest offers a \$10,000 top prize. The topic is: “Describe and analyze an act of political courage by a US elected official who served during or after 1917.”

Eligible: All students

Application Deadline: **January 15, 2021**

Links: <https://www.jfklibrary.org/learn/education/profile-in-courage-essay-contest/getting-started>

<https://www.jfklibrary.org/learn/education/profile-in-courage-essay-contest/eligibility-and-requirements>

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Opportunity Lists and Resources:

-- NYC Online Department of Youth Activities

Free programs in dance, music, art, poetry, film-making and more:

https://www1.nyc.gov/site/dycd/services/special_initiatives.page

--Torus Teens General Opportunity Site

This website provides helpful information about a wide variety of opportunities for students.

Links: <https://torusteens.com/about>

<https://torusteens.com/search?interest=&city=>

--Johns Hopkins Center for Talented Youth:

<http://cty.jhu.edu/imagine/resources/internships/arts.html>

--Teen Life: Useful alphabetized list of local programs:

https://www.teenlife.com/?SPNYC_View_All

--The **Academy of Applied Science** connects high school students to high-quality enrichment programs in science, math, and technology. Learn more at these links:

<http://www.aas-world.org/>

<http://www.aas-world.org/interest-pages/for-students.html>

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Scholarships:

Seniors with strong records of community service may apply for the **Prudential Spirit of Community** awards. The application deadline is **November 10:**

<https://spirit.prudential.com/>

The **WIT Scholarship** is open to applications from **female seniors** who are studying in the fields of toy design, engineering, entrepreneurship, business, and others. Students may apply for this annual scholarship of \$2,500 “on the basis of merit, innovation, and leadership.”

Eligible: Female seniors interested in exploring the relevant majors/fields

Application Deadline: **November 27**

Link: <https://genheration.com/event/wit-scholarship-2021/>

The **Science Ambassador Scholarship** is open to applications from **female seniors** interested in majoring in STEM subjects. This full tuition award requires submission of a three-minute video explaining your interest in a STEM topic of your choosing. The application deadline is **December 14:**

https://www.scienceambassadorscholarship.org/?mc_cid=4ac875f05b&mc_eid=2f0e0bf1#intro

https://www.scienceambassadorscholarship.org/?mc_cid=4ac875f05b&mc_eid=2f0e0bf1#faq

Information about a scholarship for Asian-American high school students may be found via the following link; the application deadline is **January 14, 2021:**

http://www.apiasf.org/scholarship_apiasf.html

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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/1/blhighschool2.htm>

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

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**