



# THE STEAM ENGINE

EMPOWERING UNDERREPRESENTED STUDENTS TO THRIVE IN STEAM



**Photo:** On July 15, 2023, HYPOTHEkids hosted a hands-on science craft table at the West 111th Street Block Association Resource Fair.

## FUTURE READY

The 2023 HYPOTHEkids season featured a notable collaboration with the Department of Education's FutureReadyNYC, an initiative that equips students with the necessary skills for high-wage and in-demand professions, particularly in the education and STEM sectors. Through this partnership, high school students from the Bronx and Queens completed a comprehensive two-week training on teaching Hk hands-on science lessons. After the completion of training, students delivered these engaging science lessons to over 1,000 elementary students at various internship locations.



**We'd love to see you there!**

Click here to [RSVP](#)



**Photo:** Thomas Edison CTE high school students who participated in the FutureReadyNYC program teaching HYPOTHEkids K-5 science curriculum.

## GET INVOLVED

Every contribution helps us sustain and expand our programs and initiatives. [Email us](#) to see how you can get involved. Thank you for your support!



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Intern



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Speaker



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Program



Hk Maker Lab provides 10th and 11th-grade students, from underrepresented backgrounds in STEAM, exposure to biomedical engineering. This year's 23 participants attended introductory biomedical engineering courses with Columbia University faculty and interactive design tool lectures led by Hk instructors. Applying their newly acquired skills, students collaborated in small groups to create solutions for various health disparities by creating a program, website or app.

## HEAR WHAT A FEW OF OUR MAKER LAB STUDENTS HAD TO SAY:



**ADRIAN**

RISING SENIOR

"I had a blast the past four weeks. I'm sad it's coming to an end, but it's an experience I'm going to have for a lifetime!"



**PRIYANSHI**

RISING SENIOR

"The most interesting thing I learned was how to use MIT App Inventor because I didn't know it existed."



**JUSTIN**

RISING SENIOR

"We designed our own websites and created our own apps that we could use on our phones or tablets!"



Marisa Mitchell Fasciano

### A MESSAGE FROM THE EXECUTIVE DIRECTOR

I hope you enjoyed our inaugural issue of The STEAM Engine, which captures our students' impressive achievements and shares how your support helps them get future-ready and succeed in a high-tech world. To meet some of our students and learn more about our mission and programs, come to our October 12th Friend Fest. We'd love to see you there!