

NCC STEP NEWSLETTER

A source for NCC STEP news, updates and much more!

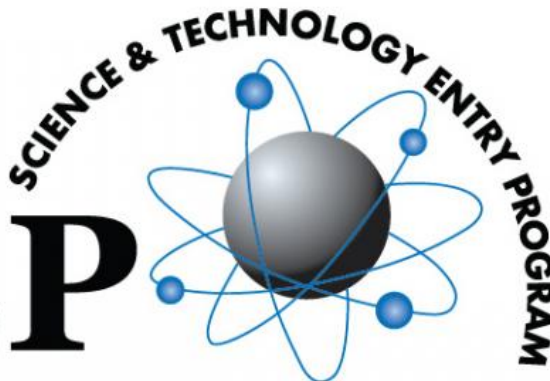
2nd Edition



NEW YORK STATE

STEP

preparing science, technology & licensed professionals since 1986



Nassau Community College STEP, housed within the Center for Excellence and Innovation (CEI), continues the excitement of being able to work with all of our amazing STEP students and STEP team. As the end of the year approaches, we are happy to celebrate the successes of our STEP students. We continue to encourage them as they graduate and embark on their future college and/or workforce plans or those who are being promoted to the next grade with a renewed sense of excitement in STEM. In this issue, we welcome our new site at Westbury High School and learn more about our partners at CSTEP, as well as an inside look on what all of our STEP sites have been up to. Follow NCC STEP and continue to learn about all of the workshops, experiments, upcoming trips and summer programming that we are excited to offer in the upcoming months. We will also keep you posted on the latest science careers and how our students can start taking steps towards their exciting futures!

1

SCIENCE BOOKS

Check out 'Stuff Matters: Exploring the Marvelous Materials That Shape Our Man-Made World'
by: Mark Miodownik

2

APPS

Download the NASA app today to stay updated with NASA's latest science news!

3

INSTAGRAM

Follow us on Instagram today
@STEPatNCC!

NCC STEP

IS STAYING
IN TOUCH WITH ALL
OF THE SCIENCES!

We are now
collaborating with our
schools to find
innovative ways to
connect with our
students!



Zoom meetings,
workshops, &
newsletters!!

We are just a click away!
GET IN TOUCH WITH THE
STEP TEAM TODAY!

STEP DIRECTOR
JAN FIGUEIRA
jan.figueira@ncc.edu

STEP ASSOCIATE DIRECTOR
MARIA PADILLA
maria.padilla@ncc.edu

OR CALL / EMAIL
US TODAY @
516-572-3573
STEP@NCC.EDU

A Special Message from Our Partners at CSTEP!

Hey STEP, have you heard about CSTEP?

The **Collegiate Science and Technology Entry Program (CSTEP)** at **Nassau Community College (NCC)** is a sibling program to STEP, which aims to increase and support the number of economically disadvantaged or historically underrepresented minority students pursuing postsecondary degrees and professional licensure through programs in mathematics, science, technology, health-related fields, and the licensed professions at NCC. CSTEP at NCC is funded by the New York State Education Department (NYSED), and is just **one of the more than 40 CSTEPs** across the state at all types of higher education institutions (including several in the New York City region).

Our program offers students a variety of different services aimed at resolving or overcoming any obstacle(s) that they might be facing, whether it is financial hardships, food insecurity, academic or professional needs, etc. Our website and social media have a more in-depth list of what we offer/have offered in the past. I'd recommend checking out the **CSTEP website**, as well as our Instagram page (@CSTEPatNCC).

The CSTEP team works closely with the leaders of STEP to ensure students gain the maximum benefits of the programs. You'll often find the teams collaborating, bringing their excitement for STEM and passion for helping students achieve their goals to the table.

If you're interested in a career in the STEM or health fields, or in a licensed profession we are the program for YOU! Interested in learning more about the CSTEP? Contact us at CSTEP@ncc.edu or (516) 572-3573 ext. 25872.



Figure 1 CSTEP attending Nassau Community College's Annual Day of Service. Pictured is (L to R) Matthew DiGiovanni (CSTEP Associate Director), Maria Padilla (STEP Associate Director), and Kevin Fox (CSTEP Director).



NCC-STEP has Found a Home at Westbury High School!

Westbury High School has initiated its 2022 NCC STEP program led Mr. Jeffrey Gonzalez and Ms. Shirley Vargas. The teachers dove right in and began the exciting work of introducing Westbury High School students to new and innovative approaches to learn, discover and explore science and technology as a cohort.

The students went right to work at their initiation meeting, via a team building opportunity that highlighted physics, precision, balance, and decision-making. Students worked in teams to figure out without instructions how to build the balancing units, and then made decisions on how to create balanced structures. It was a great experience for all!





Westbury STEP Students Go GREEN!!

The Westbury High School STEP program wasted no time leaping into success as they launched the first ever NCC STEP Green Project that encourages environmental responsibility and the importance of conservation and protecting our natural resources for sustainability. STEP students there have been busy bees putting their green thumbs to work.

Under the guidance of Mr. Jeffrey Gonzalez, Westbury High School STEP is conducting their first NCC STEP Green Project. With the utilization of the Greenhouse at Westbury High School, students are able to grow various species of plants including perennial flowers, vegetables, and fruits. The students quantitatively measure the concentration and ppm of water, as well as the soil quality using digital technologies such as the Total Dissolved Solids Meter, the pH Meter, and the Soil Tester. STEP students take the responsibility to monitor the growth of their plants while learning about environmental factors that contribute to the health of their produce.

Sewanhaka STEP Students Are Up To Code!

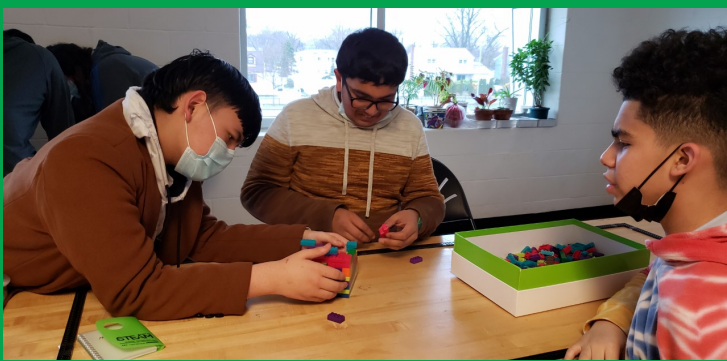
Sewanhaka STEP Students under the guidance of Mr. Joe Botka have been stepping into science in the most unique and creative ways. Pictured on the left below, Mr. Marc Kettler from Codescholar.ly is showing Sewanhaka STEP students how to increase RAM in computers. Mr. Kettler has been at Sewanhaka High School teaching students the fundamentals of coding, and they are soaking it all in.

The picture on the right features students Muhammad Bader, Taniya Yaqoob, and WoodMael Edouard from Sewanhaka STEP working on a boat building competition to see whose boat can hold the most weight the longest. Students excitedly await results and are eager to continue their experiments.

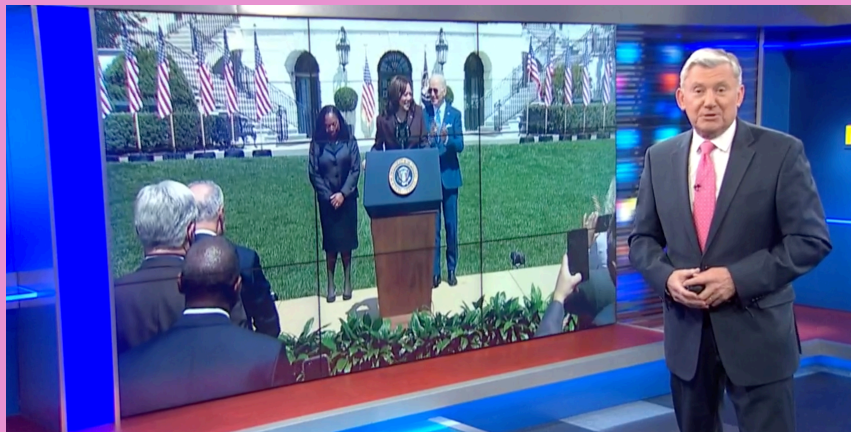
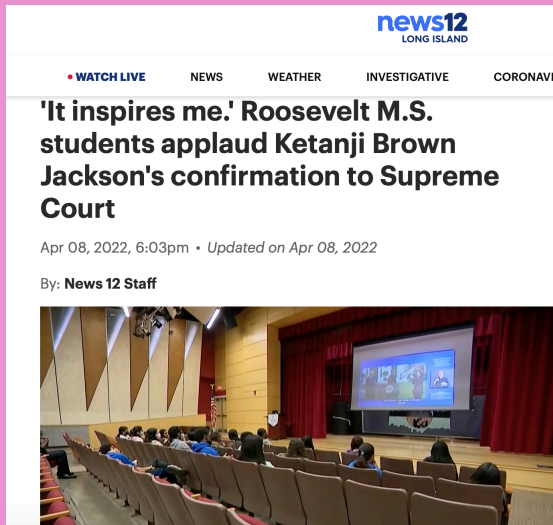


Roosevelt Middle School's STEP Technology Club Is Building High!

Roosevelt STEP students are on the fast track and flying high. Mr. Frank Rusinovich challenged his STEP students to build the tallest building they could that would stay supported, and the students did not disappoint! They used the Brick Lab set provided by NCC to construct their buildings. Students were also encouraged to include features like windows and stairs as well.



Roosevelt Middle School Students Inspired by Ketanji Brown Win on Long Island News 12!



<https://longisland.news12.com/it-inspires-me-roosevelt-m-s-students-applaud-ketanji-brown>



Students at Roosevelt Middle School were able to witness history at a special assembly. An eighth grade U.S. history class watched the White House celebrate a day after the Senate confirmed Ketanji Brown Jackson to be the first Black female Supreme Court justice. For many of the students, especially the girls, Jackson's confirmation proved to be a moment of promise and hope.



"It inspires me because there's a lot of things that Black women can do," says Esmia Thomas. "And now that there's a Black woman doing something we couldn't do before, we can do more."

Another student says, "it's proof that Hispanics, Asians and other ethnicities can make it to important positions." The class erupted in applause several times while watching the ceremony. All students walked away feeling inspired by the Ketanji Brown Jackson win.

Article written by: News12 Staff

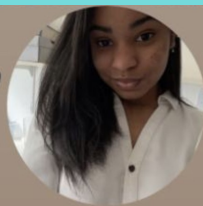




Uniondale HS Lends A Helping Hand!

Filled with compassion, concern and hope; the students of the Uniondale High School Medical Dream Team, a part of Nassau Community College STEP, donated much needed goods to those in Ukraine who are currently enduring hardships. Following the invasion launched by Russian President Vladimir Putin, citizens of Ukraine have been left in concern wondering where they and their families will relocate. They fear their economic situations, and left wondering if life will ever go back to the way it once was. The invasion has taken away lives, friends, family, and the feeling of life itself. As students who are driven by helping others and have a focus on promoting change in the world, the Medical Dream Team felt moved to make a contribution to the cause.

written by: Myla Lopez



HONORABLE MENTION!



NCC STEP would like to congratulate our very own Mitra Ramdas, STEP teacher at Roosevelt Middle School, for being awarded the SCOPE Award in Teacher Service by Principal Dr. Jeremiah Sumter for the 2021-2022 academic year. She is recognized for her hard work, dedication and relentless commitment to education and her students. Her proficiency in technology and her ongoing collaboration with the district highlights her undeniable effectiveness as an educator. Roosevelt Middle School is extremely proud of Ms. Ramdas and all of her accomplishments.



FOLLOW US ON INSTAGRAM

Follow us @ STEPatNCC for all the latest updates and upcoming workshops, and events.



Why is SUNY Nassau the smart choice?

Students get a high quality education,
taught by distinguished professors,
while paying a fraction of what other schools charge.



Find Your Path

Find your high-quality academic path with nearly 80 fields of study.



Flexible Classes

Classes from 6:30 AM to 9:30 PM. Weekdays and weekends.



A Great Value

SUNY Nassau costs just a fraction of the price of private university tuition.

NCC
Who's the
smart
one now?

More In-Person Course Offerings

as well as Remote & Hybrid Options

Apply now at
SUNYNassau.edu

