

THE STEAM MACHINE



Mary Gage Peterson Elementary's Monthly STEAM Update

STEAM Career Spotlight



Peterson's new monthly STEAM Career Spotlight provides students with opportunities to learn about diverse career opportunities through the stories of STEAM professionals. These posters are displayed near the cafeteria in 7 different languages. November's spotlight featured

I AM AN EPIDEMIOLOGIST



I have a black belt in Taekwondo. When I was in high school, I was on the pole vaulting team. **I am driven by a deep desire to help others.** Sometimes I talk in my sleep. **I believe that all people have a fundamental right to healthcare.**

NOOR AL-ALUSI, MS

Noor Al-Alusi, an epidemiologist and researcher who works in public health. Teachers then have resources available to talk more about our career spotlights in the classroom.

If you want to talk more about Noor Al-Alusi and epidemiology at home, scan here!



Farm-to-Table Fresh

Students in Ms. Chang's class have been growing and harvesting all month using their new self-watering, self-fertilizing hydroponic Farmstand. Their crops include different types of lettuce, parsley, chives, strawberries, tomatoes, and more. After picking their seedlings, students were harvesting fresh produce within just a few days.

December STEAM Events

Week of December 5-9
Computer Science Education Week

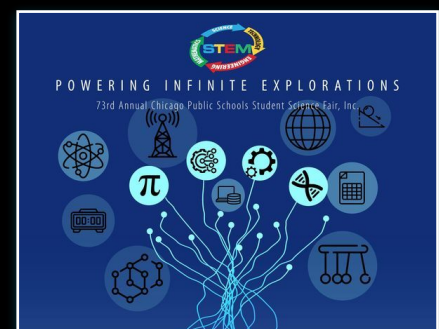


Thursday, December 8
Kindergarten students will attend a performance of *The Nutcracker* at The Lyric Opera House.



Friday, December 9
8th grade students will visit Uplift Community High School, a CPS designated STEM school, to engage in project-based learning.

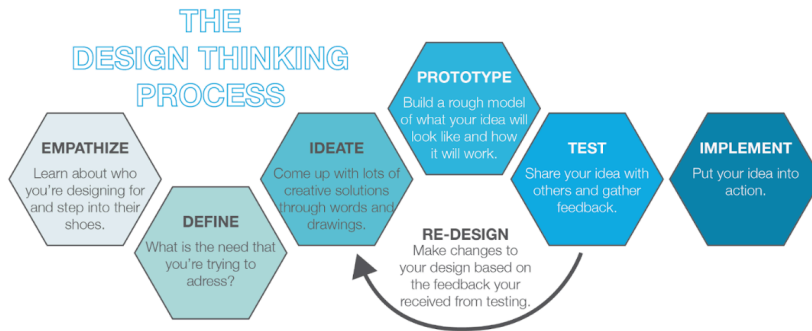
Friday, December 16
Band & Choir Concert
Northside College Prep, 6:30pm



Wednesday, December 21
4th through 8th grade students will show their science projects at this year's Peterson STEM Exhibition.

What's new? Maker U!

Middle school students in grades 6-8 recently launched a new exploration of the CPS Maker U Curriculum. This curriculum was designed by the Department of STEM to provide students with leveled learning opportunities across multiple disciplines. When students complete a level, they earn a badge!



For the first unit, students collaborate to find solutions to problems through a series of steps known as the Design Thinking Process. They empathize, define, ideate, and more while designing an original prototype for a client from a series of options that they'll eventually present to their advisory peers. Most advisories have already earned their badges for both Level 1 and Level 2 and are planning for Level 3 soon!

Students will conclude with Level 5 on our December 22 school-wide SEL Day, where they'll use everything they've learned to design their own project for a client that they select.



Can you support our STEAM programming?

Do you have ideas for any events, field trips, guest speakers, assemblies, or other opportunities that could supplement our Peterson STEAM programming? Are you interested in volunteering with one of our initiatives? We are always looking for ways to elevate our student experience!



If you are interested, please contact Mr. Mitchel Meighen, our STEAM Specialist, at msmeighen@cps.edu.