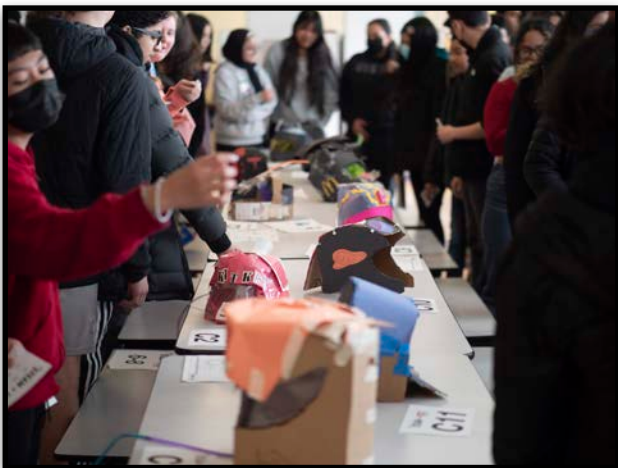


THE STEAM MACHINE



Mary Gage Peterson Elementary's Monthly STEAM Update



At last month's in-classroom design challenge, students worked together in groups to design their own race helmets that addressed key elements including safety, communication, ventilation, and other technological innovations. The next step was to determine which helmet designs would make it to the winner's circle, and after a school-wide vote, the results are in! These students will now represent Peterson at "STEAM Fest" in downtown Chicago on May 2:

K-2

Penelope Ondrey, Kaylee Nguyen, & Amina Ahmed, *Kindergarten-103*

3-5

Nola Johnson & Avery Johnson, *3rd Grade-115*

Cora Fulton & Jessica Zaldivar, *5th Grade-227*

Gavin O'Sullivan, *5th Grade-220*

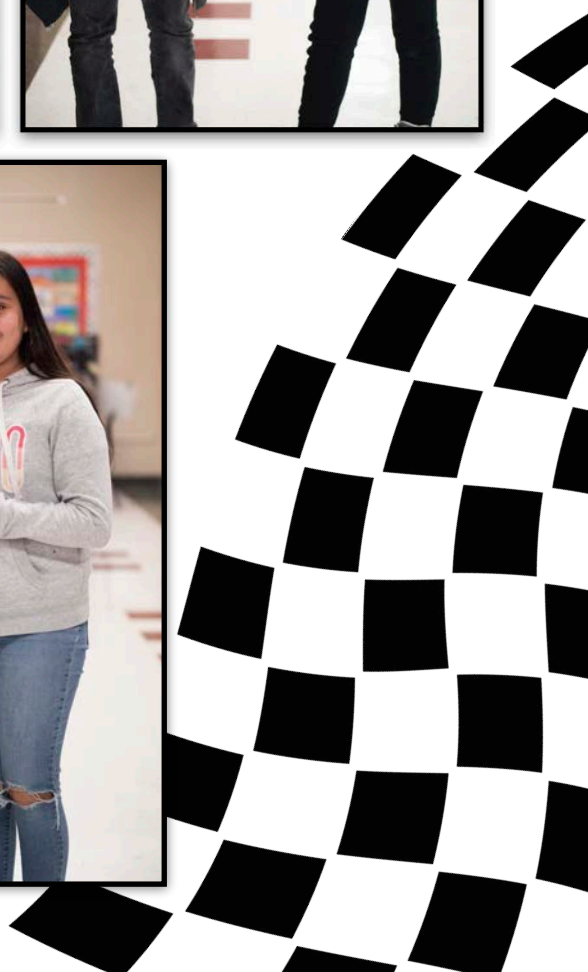
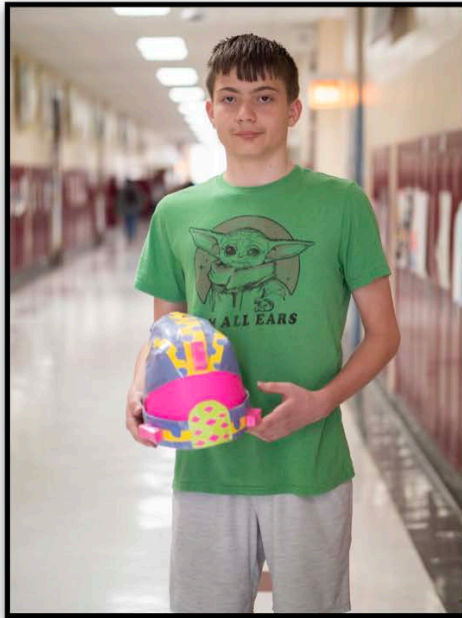
6-8

Greta Trinter & Lola Toole-Cardis, *7th Grade-208*

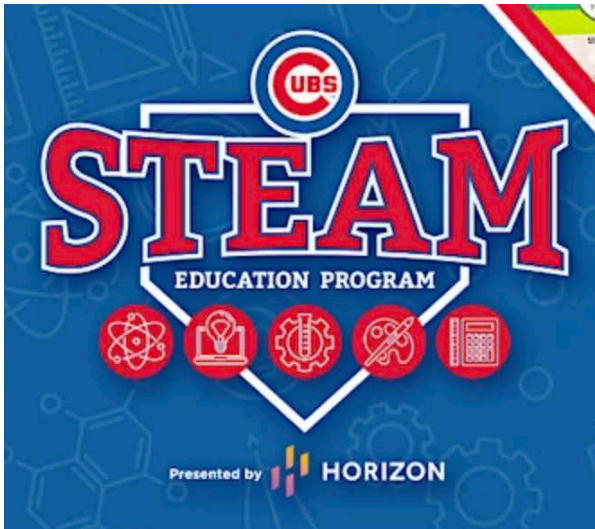
Aspen Johnson & Michael Guijosa, *8th Grade-200*

Elijah Birney, *8th Grade-204*

These thirteen Peterson students, as well as other top-performing groups from each of the other 42 STEM and STEAM schools across the city, now earned invitations to STEAM Fest, where the nearly 500 student finalists will interact with NASCAR drivers, engineers and other industry STEM professionals at the Field Museum in the event's championship round. Students will be assigned a new NASCAR challenge and compete against each other to receive complimentary tickets to the Chicago Street Race Weekend this summer.



Join the Chicago Cubs STEAM Fair



SATURDAY, MAY 13th from 11:00 AM - 2:00 PM

Horizon Therapeutics is proud to partner with the Chicago Cubs and Science of Sport to host the 3rd Annual Chicago Cubs STEAM Fair!

The Chicago Cubs Steam Fair presented by Horizon is free and open to the public for all ages to enjoy. Visit Wrigley Field for an engaging day exploring STEAM and its relation to baseball and softball, STEAM projects presented by local Chicago students, and watch an interactive live Science of Baseball show with Dr. Ricardo Valerdi, founder of Science of Sport.

The Chicago Cubs STEAM Program presented by Horizon is designed to expose Chicago students to STEAM and its relation to baseball to generate excitement for STEAM concepts in school.



Project winners of the STEAM Fair will be invited back to Wrigley Field for a week-long STEAM Camp presented by Horizon designed to engage students on a deeper level using baseball to connect with STEAM. The 3rd Annual Chicago Cubs Steam Fair is free and open to the public for all ages to enjoy. Scan here to register!

Peterson hosts annual STEAM Night



Peterson hosted the annual STEAM Night on April 27 from 5:00-7:00PM! This interactive night for families showcases some of our Peterson STEAM learning opportunities as well as several opportunities provided by some of our various community partners. This year's event included presentations and hands-on activities such as elephant toothpaste, illusion puzzles, a live drone course, a brainstorm table, experiments from the University of Chicago, paper circuits, magnet painting, succulent planting, and much more.



IJAS

State Exposition

Following her impressive showing at the CPS City STEM Exhibition on March 17, where she competed against students from all participating CPS schools, Violet Bramley (grade 7) advanced to the Illinois Junior Academy of Science State Exposition. Her project *Does Color Affect Taste?* scored high enough at the City competition to earn her a spot at the state level. Violet represented Peterson on April 28th and 29th Southern Illinois University.

Way to go, Violet!



STEAM CAREER SPOTLIGHT

April's STEAM Career Spotlight features Sam Spaulding, a Robotics Scientist who is interested in the way that the mind of a robot is similar to the human mind. His current job allows him to explore more about how robots can support humans and their needs and interact more with people in different ways.

Teachers then have resources available to talk more about our career spotlights in the classroom.

If you want to talk more about Sam Spaulding and Robotics Science at home, scan here!

I AM A **ROBOTICS SCIENTIST**



I was on the **wrestling team**. I love spending time outdoors. I was on **Jeopardy** and **Who Wants to Be A Millionaire**. I'm exploring news ways for humans and robots to interact. I was the **first person in my family to become a scientist**.

SAM SPAULDING

THE UNIVERSITY OF CHICAGO



MAY UPCOMING EVENTS

Tuesday, May 2 – CPS x NASCAR STEAM Fest at the Field Museum

Thursday, May 11 – STEAM Night at Uplift Community High School from 5:00 - 7:00 pm

Friday, May 12 – Peterson presents *Shrek, Jr. The Musical*

Saturday, May 13 – Peterson presents *Shrek, Jr. The Musical*

Saturday, May 13 – Chicago Cubs STEAM Fair at Wrigley Field from 11:00 am - 2:00 pm

Friday, May 26 – Peterson Career Fair

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.