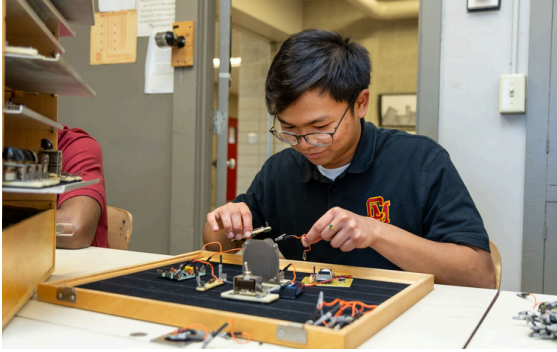




STEAM NEWSLETTER

SCIENCE, TECHNOLOGY, ENGINEERING, ART, MATHEMATICS

SEPTEMBER 2024



About our newsletter

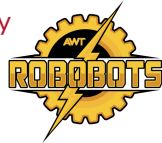
Dear Grade School Families,

We would like to introduce our new Cardinal Mooney STEAM Newsletter! Once a quarter, we will curate science, technology, engineering, art & mathematics topics that will inspire curiosity and encourage students to explore their interests and talents. We will spotlight our alumnae in STEAM fields, highlight some of the latest STEAM programs and events at Cardinal Mooney, and share fun events that community partners are hosting. We hope you and your children enjoy!

ACADEMIC PROGRAM SPOTLIGHT >

RoboBots coming to Cardinal Mooney

This fall, Cardinal Mooney will launch a RoboBots team as part of the Alliance for Working Together (AWT) RoboBots competition. This annual event in Northeast Ohio invites students to design and build combat robots that compete in a thrilling Battlebots-style showdown. Over three dozen high school teams meet in Lake County each year to participate in the competition. The Cardinal Mooney team will be sponsored by Youngstown Pipe & Steel.



UPCOMING LOCAL EVENTS >

Community STEAM events set

Visit OH WOW! at Ohwowkids.org, or follow the center on Facebook and Instagram to stay up to date on their STEAM events for children in our community. A few of their regular events include:

- **Saturday Makes** in the InspireWorks! Maker Space, every Saturday (9:00 a.m. - 3:00 p.m.)
- **Floor Time** demonstrations (main exhibit floor) on the first and third Friday & Sunday of each month. (12:00 - 1:00 p.m.)

Cardinal Mooney looks forward to a continued partnership with OH WOW! this year, including a clean energy event for Cardinal Mooney students this fall.

WOMEN IN STEAM >

Alumnae excelling at U of Cincinnati DAAP

Savanna VanSuch & Grace Raymer, both from the CMHS class of 2022, are in the prestigious College of Design, Architecture, Art, and Planning (DAAP) at the University of Cincinnati. Both recently completed their intensive 15-week Industrial Design projects. VanSuch chose to redesign the DryBar Double Shot Round Blow Dryer Brush, while Raymer an Echo brand outdoor power tool.

Raymer and VanSuch worked through many facets of Industrial Design, such as consumer observation, market and brand research, manufacturing and engineering possibility, sketch ideation, and CAD model making.



Raymer



VanSuch

CARDINAL CORNER >

Biomedical class to get Red Cross training

This month, Cardinal Mooney is partnering with the American Red Cross to offer CPR & First Aid training to our Principles of Biomedical Science students. Other upcoming STEAM events include partnerships with America Makes and the YSU Forensic Science Department.



American Red Cross