



# STEAM NEWSLETTER

SCIENCE, TECHNOLOGY, ENGINEERING, ART, MATHEMATICS

FEBRUARY 2025

## Dear Grade School Families,

In this edition of the Cardinal Mooney STEAM Newsletter, we provide an overview of our Biomedical program. We also showcase student opportunities in fine & performing arts, as well as a spotlight on two young alumnae in Occupational Therapy.

### ACADEMIC PROGRAM SPOTLIGHTS >

## Biomed preps for real-world challenges

Biomedical Science applies real-world issues by exploring topics like disease, DNA analysis, medical terminology, microbiology, epidemiology, public health, and more. Throughout the two-year program, junior and senior students gain experience with techniques that are used by professionals in hospitals and labs. They also explore disease prevention, diagnosis, and treatment while working together to investigate and develop innovative solutions for 21st century health challenges.

## Guitar II added to course list

Due to increasing popularity, we added Guitar II to our music department course list. Our guitar students not only learn the foundation to playing the instrument, but also the skills to properly care for our 24 school-owned acoustic guitars! Earlier this month, the class learned how to properly restring the guitars.



### COMMUNITY STEAM PARTNERSHIPS >

## Biomedical students host Blood Drive

Cardinal Mooney Biomedical students planned and hosted a blood drive at school on Jan. 31. As part of our STEAM curriculum, this event was an example of **Project Based Learning (PBL)** at Mooney.

A volunteer with the American Red Cross, Ms. Mar Jacobs, stated that in her 40 years of working with the organization, she had “never experienced such extraordinary participation by a high school student body”.



### WOMEN IN STEAM >

## Williams sisters together at Ohio State

Sisters, Kennedy & Maeghan Williams, class of 2018 and 2020, respectively, are both working on their Clinical Doctorate in Occupational Therapy at The Ohio State University. The three-year Occupational Therapy program at Ohio State is one of the country's top-ranked occupational therapy graduate programs. Kennedy will graduate this spring, while Maeghan is set to graduate in 2027.

Kennedy will wrap up her doctorate with her Capstone project this semester at Bridgeway Academy & Therapy Center in Columbus. Over the course of 14 weeks, she will assist youth/young adults with transitioning from school into a life of independence.

Maeghan has just begun her second semester in the program. She loves the health and wellness aspect of Occupational Therapy, and is drawn to helping others build healthy habits and routines that promote productivity, balance, and overall well-being.



Maeghan and Kennedy Williams

### CARDINAL CORNER >

## Theater Dept. set for The Sound of Music

Visit Mooney on March 14-16 for one of the most beloved musicals of all time, *The Sound of Music!* Our cast will be joined by friends from area public and parochial grade schools for a tuneful & heartwarming performance. A reminder, the CMHS Grades K - 8 **Student Event Pass**, entitles each student to one (1) general admission ticket to this performance.

## Students earn Scholastic Art honors

Four art students were recognized as Gold and Silver Key winners last month, with another 12 earning Honorable Mention in the prestigious Scholastic Art Awards. Gold Key winners advance to the National Awards in New York City next month! Pictured, from left, is the Gold Key winner, Abigail Markey, and Silver Key winner, Alexis Flood, Mrs. Kandray, and Angela Bettura at YSU in January. Not pictured is Silver Key winner, Angel Pratts-Perez.

