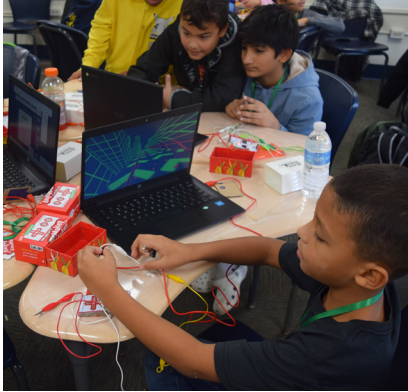




**MERCY
UNIVERSITY**

Center for STEM Education



Saturday STEM Academy

Mercy University's Saturday STEM Academy gives students in elementary, middle and high school an opportunity to learn hands-on STEM concepts and skills in a collaborative environment with distinguished STEM educators. We offer five STEM-focused programs, designed to engage students at every age. Students also experience college-readiness programming and interdisciplinary content.

Grades 1-2

Fall into Engineering and Mindfulness

Instructors:

Lisa Dulin and Briana Tharas



Students will engage in fall themed adventures and tackle challenges like Apple/Pumpkin Launchers, Sphero Corn Mazes and Flying Acorns! Each STEM lesson will incorporate teamwork, problem-solving, perseverance and mindfulness.

Grades 3-4

STEM Tech Lab: Coding and Creativity

Instructor: Charles Sincerbeaux



Welcome young learners to coding, engineering and creative problem-solving! Students will explore Makey Makey, Ozobots and micro:bit devices while building interactive projects and simple programs. No prior coding experience needed, just curiosity and a willingness to create and explore.

Grades 5-6

Engineering for the Moon

Instructor: Jamie Rossi

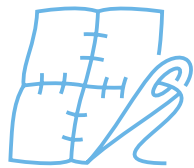


Become first-time NASA engineers! Research and design a lunar dust mitigation device, figure out how to drill for water on the moon, construct a lunar base habitat and design a system to transport fuel.

Grades 7-8

STEAMing into Folk Art

Instructor: Emily Downs



Get ready to roll up your sleeves and become a maker! In this hands-on adventure, you'll bake artisan bread, create your own fermented vegetables, weave a colorful potholder and sculpt with clay while discovering the amazing science behind each craft. Along the way, we'll explore how tiny microbes make food, how strands of fiber become fabric, how simple ingredients transform into delicious bread and how earth becomes art. Every class is filled with creativity, experimentation and plenty of opportunities to make something with your own two hands – and take it home to share!

Grades 9-12

Environmental Detectives

Instructor: Brian Haggerty,
Mercy University Faculty



Become an environmental scientist and uncover the hidden connections between the environment, human health and sustainability! Using Mercy's campus as our living laboratory, we'll conduct field and lab investigations of local ecosystems while evaluating the safety of everyday consumer products such as cosmetics, personal care items and household cleaners. Working as a team, we'll collect and analyze scientific data, explore environmental challenges and develop solutions for healthier, more sustainable communities.

Where?

Mercy University
Westchester Campus
Main Hall
555 Broadway
Dobbs Ferry, NY 10522

When?

Four Consecutive Saturdays:
Oct. 17, 24, 31 & Nov. 7, 2026
9:00 AM – 12:00 PM
\$309 per student for four sessions
(Snack included)

Scan to Register

Registration Deadline:
October 7, 2026

