



“Fall in Love with STEM”
February 18, 9am to 12pm



Activities and Workshops at GVSU

Allendale Campus: Padnos Hall of Science

PAD 142: Geology Curio Museum

Drop by the Geology Department and take a look at some of the cool items that we have in our collection. Neat and unique minerals, rocks and fossils will be on display.

PAD 259: Better with Biology (Biology)

Explore biology from cells to ecosystems! Zoom in closely with microscopes to look at tiny cells or visit the earth's biomes! Life is better with biology!

PAD 376: The Color of Chemistry (Chemistry)

Explore how chemicals create colors, and watch them move! These and other chemistry topics will be explored in this intriguing workshop.

PAD 205: Colors, Shapes, Connections, Bubbles and Math (Mathematics)

Explore a variety of fun math games and logic puzzles, and learn how mathematics applies to household wiring, constructing buildings, soccer and bubbles.

PAD 206: Electric Excitement and Magnetic Magic (Physics)

What causes static cling? How do magnets work? Explore electricity & magnetism and their connections. Generate your own electricity and experience a slow-motion magnet!

Pew Campus (Grand Rapids)

Cook-Devos Center for Health Sciences (301 Michigan NE GR 49503)

CHS 477: Breathe Deeply! (Health Professions and Nursing)

Learn about how the lungs work to keep you breathing well and what happens in some common respiratory ailments. Explore better ways to listen to the sound of breathing.

CHS 477: DNA Detectives (Cell and Molecular Biology)

What is DNA and what does it do? Learn how DNA is used in genetic testing. Also, extract DNA from a banana and bring it home in a test tube!

Kennedy Hall of Engineering (301 West Fulton 49504)

KEN 244: Code Jam (Computer Science)

Participants will learn to use Scratch (<https://scratch.mit.edu>) to create a computer game and become a part of the Scratch Community with games to play and share!

KEN 330: Marshmallows, Spaghetti, and Tapeoh my! (Engineering)

Design and build the tallest free standing structure and learn how collaboration and interaction is the key to successful innovation! Oh, and geometry can help along the way too!

Register @ www.gvsu.edu/rmsc/

For questions, please contact Dr. Karen Gipson at gipsonk@gvsu.edu