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InterChange homepage

GVSU Hosts 39th Michigan Science Olympiad Region 12 Tournament



The 2023 Region 12 MSO tournament included 638 student competitors, from 52 teams and 40 different schools in the area. Students participated in events throughout the day that were centered around science, technology, engineering, and math.
Science Olympiad article

Connections for the STEM Classroom

Saving Biodiversity to Save Our Life-Sustaining Biosphere

A review of the report "Living Planet 2022: Building a Nature-Positive Society", World Wildlife Fund, 2022.

By Ian Stone, Tony Weinke, Kaylynne Dennis, Nate Dugener, Clarisse Odebrecht, Juanma Medina-Sánchez and Bopi Biddanda

A new report chronicles the unprecedented scale of ongoing world-wide biodiversity loss under anthropogenic stressors and climate change, and lays out detailed plans on what humanity should do – including recognizing the rights of Indigenous Peoples and utilizing the value of indigenous knowledge systems – to conserve extant biodiversity, enable ecosystems to recover and save our



biosphere.
STEM Classroom article

What are your students doing this summer?

GVSU is hosting a number of STEM camps!



STEPS Engineering Camp

June 12-15, 2023
June 19-22, 2023
STEPS (Science, Technology, and Engineering Preview Summer) Camp is a fun and engaging week-long introduction to the world of science, technology, and engineering through the lens of aviation for participants currently in 6th grade.

STEPS Camp article

Energizing Our World Camp



June 26-29, 2023
Energizing Our World is a four-day camp designed to spark interest in renewable energy. Students will participate in activities that provide hands-on experiences with a variety of renewable energy sources. Participants must be in the 6th or 7th grade
EOW Camp article

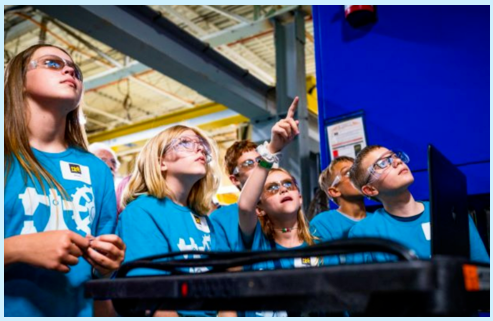
sHaPe Camp

July 10-13, 2023
sHaPe (Summer Health Activities and Professions Exploration) is a four-day introduction to health careers for boys and girls currently in 7th an 8th grade.



[sHaPe Camp article]

Advanced Manufacturing Camp



July 17-21, 2023
Advanced Manufacturing Camp is a five-day, hands-on immersive experience for students currently in 5th and 6th grade. Campers participate in activities include team-building in addition to breakout sessions facilitated by GVSU staff, students, and industry professionals from the West Michigan area.
Advanced Manufacturing Camp article

Camp Invention

July 24 - 27, 2023
Camp Invention is for Curious kids entering grades K-6. It is a confidence-boosting STEM summer camp where kids build creative inventions and lasting friendships.
Camp Invention article

GenCyber Camp

July 24 - 29, 2023
The School of Computing at Grand Valley State University is excited to host West Michigan's first-ever GenCyber camp. This program provides a cybersecurity camp experiences for high school level (9th to 12th grade) students.
GenCyber Camp information

For more information and to register for these camps and other camps offered by GVSU, visit gvsu.edu/camps. For a printable flyer of these STEM camps and other summer STEM actvities, visit the RMSC website.

Attend the Arnold C. Ott Lectureship in Chemistry

Make plans to attend the Community Lecture: Can Organic Batteries Power a Sustainable Electrical Grid? on April 13, and the Chemistry Seminar: Electrochemical Trickery: Turning Organic Macrocycles into Conductive Polymers and Supercapacitors on April 14 at GVSU. The presenter is

Dr. Thomas Guarr, Director of Research and Development, Michigan State University Bioeconomy Institute.
Ott Lectureship article

Plan to Attend the Regional Meeting of the Geological Society of America

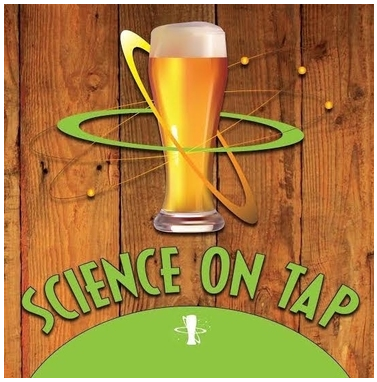
May 4-6, 2023, GVSU will host the meeting for north central section of the Geological Society of America in Grand Rapids.
GSA article

Van Andel Institute for Education Empowers K-8 Educators with High-Quality Afterschool and Summer School Programs

Van Andel Institute for Education (VAI) has always been committed to fostering education both within and outside of the classroom. To better meet these growing needs, VAI is once again inviting teachers to explore their comprehensive, project-based Afterschool and Summer School programs for grades K-8.
VAI Project-Based Learning article

Math Recovery Scholarships Available for Educators

The MiSTEM Network is sponsoring 200 scholarships for Math Recovery virtual professional learning sessions summer 2023.
Math Recovery article



Attend Science on Tap!

April Topic: Art And The Resurrection Of Anatomy As A Science In The Renaissance – An Anatomist's Perspective
By Chris Reed, Dept. of Biomedical Sciences, GVSU
Thursday, April 13
Science on Tap article

Check out the latest MiSTEM Network- Greater West Michigan Region Newsletter!

The MiSTEM Network is connecting education, businesses,and community partners across the state to transform the way Michigan does STEM.
MiSTEM Newsletter

MiSTEM Network
Greater West Michigan Region

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