

VISIT THE DUPAGE ROE STEM WEBSITE AT <http://stemdupage.com/>

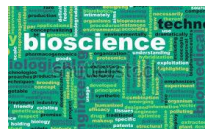


Women in Technology (WIT) Program at Illinois State University

WIT fosters a [supportive community](#) for women in the School of Information at Illinois State University. Activities include professional development, volunteering, and social interaction.

U.S. Bioscience Industry at Record High

The U.S. bioscience industry is helping to meet the challenges presented by the pandemic through its innovative capacity and robust economic stature. [Read more.](#)



Blending Art and Algorithms, Desmos Sets Out to Reimagine Math Curriculum

An [art competition](#) unlike any other. View the masterful and mathematical works of art.

Sidewalk Math Cultivates Playful, Curious Attitude Toward Math

By changing the environment of math, attitudes toward math change. [Find out more.](#)



Middle School Is Difficult, Even Without Quarantine

Early adolescent years are spent developing identity and building connections, which have been undoubtedly impacted by the pandemic. Read more in this [report](#).

Upcoming Events and Opportunities

Employment Opportunities

The DuPage Regional Office of Education posts [vacancies](#) and links to other employment sites. Looking for a different opportunity? Take a look. Also, Pleasantdale SD #107 (LaGrange/Burr Ridge) is looking for an [8th grade science teacher](#).

Study with the Zoo!

Brookfield Zoo is offering numerous online professional development sessions this summer. Topics include climate change, technology, NGSS Storylining, and others. See the [complete listing](#).

NSTA Goes Virtual for 2020 STEM Forum and Expo

NSTA announced that this event, previously scheduled for July 22-24 in Louisville, Kentucky, will be a [virtual event](#) taking place July 27-30. Each day will focus on specific grade levels.

Fermi Announces Its Summer Programs for Educators

Fermi has lined up some phenomenal [learning opportunities](#) for you. Virtual options include multiple grade levels and content areas.

Resources

Initiatives to Interest More Women in Cybersecurity

Several initiatives are discussed that will help close the current gender gap in the cybersecurity field. [Read](#) and share.

Ways to Beat Summer Learning Loss

This phenomenon often results in students beginning the following year at a lower instructional level than at the end of the previous year. Consider these [approaches](#) to minimize the potentially negative impact.

How to Identify Effective STEM Activities for Children

Problem solving in the STEM world requires [multi-dimensional strategies](#). Using these varied approaches also improves problem solving in everyday life.

New Toolkits Aim to Increase STEM Diversity

This [new educational program](#) introduces students to stories of scientists involved with modern innovation. The "I Am a Scientist" program is designed to encourage the next generation to consider STEM careers while promoting diversity and inclusion.

STEM Teaching Tool Focuses on Science and Engineering on Justice-Centered Phenomena Across PK-12

Justice-centered [investigations](#) present [important opportunities](#) for students to engage in projects that support equity for communities and to see how the application of science and engineering are entwined with political and ethical questions, discussions, and decisions.