

STEM News You Can Use. . .

April 2021

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



Women of Color Lead Gender Equality in STEM Education

<u>Research</u> suggests surprisingly encouraging trends among African American and Latinx AP students that could translate to insights for increased gender equity in other STEM contexts.

Getty Images

Advertising Changes in Kids' Games

A federal court granted final approval of <u>class-action settlements</u> in which Disney, ViacomCBS, and ad-tech companies have agreed to limit collection of personal data and behaviorally targeted ads for kids under age 13.



Earth Week Is Here but Celebrate Throughout the Year!

Use some of these resources to explore how we can contribute to the overall health and well-being of our earth and environment: <u>National Environmental Education Foundation</u>, <u>Climate Change and the Mosquito Population</u>, <u>Biodiversity</u>, <u>Earth Day</u>, <u>NASA</u>, and <u>Tinkerlab</u>.



1871 Acquires Naperville's hub88

1871 is acquiring <u>intellectual property assets and programs</u> of hub88, a technology hub for entrepreneurs and innovators. Hub88 offers virtual and co-working/event space at Nokia's former campus in Naperville. 1871 also will continue the <u>hub88</u> mission to support and encourage our next generation of innovators.

Upcoming Events and Opportunities

DuPage Regional Office of Education Offers Unfinished Learning Professional Learning Opportunities

Are you looking for ways to effectively address unfinished learning based on the Illinois Priority Standards? Sign up for one or more of the following seminars to explore powerful resources and tools that will help you make informed and intentional instructional decisions. MATH K-2, MATH 3-5, MATH 6-8, SCIENCE K-5, SCIENCE 6-8, and SCIENCE 9-12

California Academy of Sciences

Check out these future sessions and recorded programs offered by the CAS for educators and students.

STEMCON – April 23-25, 2021

STEMCON is a public outreach event designed to inspire and educate K-12 students in the fields of science, technology, engineering, and mathematics. This <u>family-friendly event</u> encourages scientific discovery through hands-on activities and demonstrations while providing the opportunity to learn about scientific careers from actual researchers, industry representatives, and STEM educators.

Resources

Concord Consortium

Bring out your students' inner scientist with scientifically accurate models and activities, aligned to NGSS standards.

New York Hall of Science

Explore this comprehensive list of resources for STEM educators.

Mind Research Institute

Through ongoing research, the Institute investigates key questions about learning, mathematics, and how the brain works. This work results in ideas about unique and effective learning environments for students and teachers. Consider some of the activities on their <u>website</u>.

DuPage Regional Office of Education Offers Mini Grants to Support STEM Activities and Programs in Grades 5-8

If you have the programs, we may have the funds! Career exploration software and materials/supplies for STEM programs in your public school or district may qualify for grants of up to \$1000. Email <u>mbiniewicz@dupageroe.org</u> to learn more.

This newsletter is published with the support of the DuPage Regional Office of Education Dr. Darlene Ruscitti, Regional Superintendent 421 County Farm Road, Wheaton, IL 60187



Send suggestions, comments, and feedback to Mary Biniewicz, <u>mbiniewicz@dupageroe.org</u>.