

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



African American History Month

Honor, celebrate, and promote STEM during African American History month with these links as starting points.

- [Black Girls Code](#)
- The Black Inventor Online Museum ([section dedicated to female inventors](#))
- [Science NetLinks](#)
- [Engineering – Go for It](#)



Flu Season Science

Flu season data provide a great opportunity to work with students on [statistics, data, and tracking of the flu virus](#) and use this NGSS-aligned [lesson plan](#) for a great classroom exploration of the immune system.



(Pixabay)

How One School Teaches Digital Citizenship

A technology-integration specialist at a Texas school explains why she recast [digital citizenship](#) lessons as citizenship lessons.



Can Text Messages Keep STEM Students on Track?

College students majoring in STEM fields who received [encouraging text messages](#) were 10 percentage points more likely to stay in school than those not receiving messages. Students said they felt more connected to the school and they improved their time-management skills. Could this work with other grade levels?

Upcoming Events and Opportunities

Understanding Inquiry Within the Context of the NGSS: Argumentation and Explanation – March 2, 2018

This workshop is designed for classroom teachers responsible for teaching science in grades K-12. Click [here](#) for more information. Registration fee includes lunch, materials, and other cool give aways.

Fluor Engineering Challenge – Starts February 18, 2018

Are your students already brainstorming solutions for this year's [Ball Launcher](#) challenge? The Fluor Challenge is a great way to get students excited about engineering and is a perfect activity to do as part of Engineers Week, February 18-24, 2018.

STEM Expo – February 24, 2018 – IIT, Rice Campus in Wheaton

Visit the [DuPage Area STEM Expo](#) for an interactive STEM exploration. Over 50 displays, presentations, projects to take home, and activities for school age children, grades K – 12.

TechSavvy – March 24, 2018

[Learn more](#) about this daylong event supporting girls in grades 6-12 who are interested in STEM careers and studies.

Education Programs at the National Laboratories

DuPage County is fortunate to have two national labs within proximity and even luckier that both provide some amazing professional learning and family-oriented opportunities. Find out more about [Fermilab](#) and [Argonne](#) programs.

Resources

How Computers Work

Bill Gates kicks off an introduction to the [six-video series](#) about computers and how they work.

STEM Road Map Curriculum Series

Map a journey that will steer students toward authentic problem solving as you ground them in integrated STEM disciplines. This [new series](#) was developed to meet the growing need to infuse real world learning into classrooms.

Summer STEM Camps

It is never too early to plan for the summer. Check out [this list](#) for starters. Please note that the ROE does not specifically endorse any of those listed. The list is simply provided as a resource. Don't forget to also inquire at area schools, park districts, and libraries.