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# News You Can Use...

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



## Illinois Green Ribbon Schools Application Now Available

Designed to recognize schools that have active programs, actions and dedication to promote and educate about sustainability, applications are due by February 12. For addition information, click [here](#).



## STEM Demand and Opportunity

Business leaders in Illinois cannot find the science, technology, engineering and mathematics (STEM) talent they need to stay competitive. Students have made progress in math over the past decade but some students still do not get the chance to learn challenging content that prepares them for college and careers. [Read more](#).



## Roselle School District 12 Launches Discovery Zone (aka Genius Hour)

District 12 staff and administration have put the learning in the hands of students by prioritizing personalized learning opportunities in the schedule during the daily "WIN or What I Need" time. For more information, please subscribe to the [Roselle D12 You Tube Channel Student Newscast](#).

## Upcoming Events and Opportunities

### Students Involved in Technology (SIT) Conference - February 10, 2018 at Blackhawk Middle School, Bensenville

This [conference](#) is **by and for 3<sup>rd</sup> through 12<sup>th</sup> grade students**. **Attend, present and/or volunteer**. Teachers, encourage your technology-gearred students to present at the conference and attend. Consider volunteering, too. Registration accepted through January 21 or until capacity is reached.

### Understanding Inquiry Within the Context of the NGSS: Modeling, Argumentation and Explanation Workshops (New workshops)

Modeling will be the focus at the January 23 workshop and Argumentation and Explanation will be the focus at the March 2 workshop. These workshops are designed for classroom teachers responsible for teaching science in grades K-12. Click [here](#) for more information about the January 23 workshop and [here](#) for more information about the March 2 workshop.

### 2nd Annual Model Water Tower Competition – March 10, 2018

Consider entering one or more teams in this competition that focuses on real-world STEM learning. It requires little extra work and could be integrated into an existing curriculum or an after-school program. Contact Laura Riley with questions, [liriley@cusd201.org](mailto:liriley@cusd201.org).

### Presidential Innovation Award for Environmental Educators (PIAEE)

This [award](#) recognizes K-12 teachers who employ innovative approaches to environmental education and use the environment as a context for learning for their students. Applications are due by March 1, 2018.

## Resources

### National Institute for STEM Education

Interested in learning more about STEM teaching? [Read more](#) about this competency-based, academic coach-led, online program.

### McCarthy Dressman Education Foundation – Teacher Development Grants

Grants are available for individual teachers or small teams working in K-12 education. The focus is to foster insightful and innovative professional training and growth by implementing new teaching methods and strategies in the classroom. Apply online from January 15-April 15. Click here for more information. <https://mccarthydressman.org/teacher-development-grants/>

### NGSS and Storylines

NextGenStorylines offers a guide to making classroom posters for the NGSS Science and Engineering Practices (SEPs), and provides some guidance to teachers for how they could be used to support instruction. [Learn more](#).

### Winter Fun with Scientific Inquiry

Looking for fun, hands-on science experiments to encourage scientific inquiry and understanding? This holiday-themed [Physics Girl video](#) from PBS LearningMedia takes everyday household items and turns them into science experiments that your students can do in class- or at home with family and friends over break! [Watch Video](#).

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