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### Coding Project Supports "Hidden Figures" Film

Google launched a [coding project](#) to support the message of the film "Hidden Figures," which highlights the work of three African-American female NASA mathematicians. The project includes screening parties hosted by Google where students can discuss the film and use code to write their own messages of equality.



### Tips to Ease Negative Feelings about Math

When math teacher Michelle Russell surveyed her students, she discovered 36% of them expressed negative feelings about the subject. In this blog post, she outlines some of the strategies she has used, such as small-group work, to help address students' feelings. [Learn more](#).



Pixabay

### How to Activate Your Brain's Ability to Learn

[Popular Science](#) reports spending an additional 20 minutes practicing a newly mastered skill may have lasting benefits, according to a study in Nature Neuroscience. Researchers studied optimal conditions for learning, noting that "overlearning" yielded gains for skill retention.

## Upcoming Events and Opportunities

### Tinkering in STEM Labs and Makerspaces - April 13, 2017

Does your school have a STEM Lab or Makerspace? Thinking about creating one? Join us to share experiences, ideas, and dreams. For more information, [click here](#).

### Tech Savvy - March 25, 2017

[Tech Savvy](#) is a daylong science, technology, engineering, and math (STEM) career conference for girls in grades 6-9, parents, mentors, and teachers. The \$10 fee includes lunch. Each girl will also receive a t-shirt. The event will be hosted at Triton College in River Grove.

### Apple Professional Development Sessions - April 26, 2017

The DuPage ROE is pleased to again collaborate with Apple Inc. in providing two exciting sessions. You can attend one or both sessions but must register for each one. Sessions will take place at the Center for Professional Learning, 1519 S. Grace, Lombard.

[Enhancing Teaching and Learning in Science Technology, Engineering, and Math \(STEM\)](#) - 8:30 to 11:30 a.m.

[Everyone Can Code](#) - 1:00 to 3:30 p.m.

### Presidential Awards for Excellence in Mathematics and Science Teaching

Awardees receive the nation's highest honors and serve as models for colleagues, inspiration to communities, and leaders in the improvement of mathematics and science education. Applications for mathematics, science, and computer science teachers of grades 7-12 are open. [Nominations](#) are due April 1, 2017 and [applications](#) are due May 1, 2017.

## Resources

### Free activities for science classes

Mobile app [Science Journal](#) lets students use their smartphone or external sensor to conduct experiments and record findings. Teachers can find activity ideas -- such as building musical instruments that respond to light -- online at the [Making and Science](#) website.

### Education Week Spotlight - Inquiry-Based Teaching and Learning

Access [articles and resources](#) regarding how to become more inquiry-based in your teaching approach.

### Education Week Spotlight - Math in the Classroom

Examine best practices in STEM teacher training and retention, learn how to extend math into students' real lives, and see how project based learning see how project-based learning can generate diverse ways of tackling math problems. [Click here](#).

### Science Fair Projects from the National Aeronautics and Space Administration's Jet Propulsion National Laboratory

Refer to this [video series](#) from the Laboratory, in which a scientist, engineer and educator team up to help students learn how to generate an idea for a science fair project and see it through to completion.