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Science Task Screener

The [NGSS Task Screener](#) is designed to determine whether classroom assessment tasks are high quality, elicit evidence of three-dimensional performances, support the purpose for which they will be used, and provide a group of reviewers with a common set of features to ground conversations about what it "looks like" for students to demonstrate the kinds of performances expected by three-dimensional standards.



Girls More Likely to be Engaged by Doing Science

A recent study showed that describing science in action terms (e.g., "Let's do science!") as opposed to identities ("Let's be scientists!") increased persistence in new science games among young girls, aged 4 to 9. [Read more.](#)



STEM Students Would Get Free Tuition Under Illinois Bill

Hoping to fill empty factory jobs and reach across the aisle, the Illinois Manufacturers' Association urges a [plan to waive tuition at state universities](#) for students willing stay to teach science, technology, engineering and math.



American Wins the 2019 "Math's Nobel" Prize

Karen Uhlenbeck has won the [2019 Abel prize](#), often referred to as "math's Nobel" prize. She is the first woman in history to earn this honor, which was based on her "pioneering achievements in geometric partial differential equations, gauge theory and integrable systems, and for the fundamental impact of her work on analysis, geometry and mathematical physics," according to Abel's [website](#).

Upcoming Events and Opportunities

English Learners in STEM Subjects: Contemporary Approaches to Classroom Instruction - May 4, 2019

Based on the 2018 National Academies of Sciences, Engineering, and Medicine report, English learners are reported as falling behind in science and mathematics education. EL's appear to be excluded from challenging disciplinary practices and content. [Participate in this virtual conference](#) to learn more about helping all students to reach their full potential in STEM.

Join the Sensemakers Project

Do you teach high school biology or middle grades science in the Chicagoland area and are looking for high quality NGSS-designed instructional materials and help supporting knowledge building in your classroom? [Become a member of this PLC.](#)

STEMCON - April 27, 2019

Get your geek on at STEMCON, a [free and interactive fair](#) celebrating STEM at College of DuPage.

Summer STEM Activities

Check stemdupage.com for summer STEM suggestions. More ideas can be found at [Kid List](#) and [Makermom](#).

Resources

Helping Middle and High School Students Investigate Climate Change

Understanding Climate Change, a new NSTA book, offers extensive background and directions for using three-dimensional methods to explore this topic. Browse [sample pages](#) at the NSTA [Science Store](#).

ICTM Webinars

Webinar speakers are teaching professionals invited to share their expertise in [short online sessions](#). These professional development opportunities encourage communication and collaboration among current and potential ICTM members.

Teach Engineering

This website includes grade-band appropriate [engineering lessons](#) that encourage open-ended problem solving to integrate into your curriculum.

Creating Science Learning Experiences that Support Learners Receiving Special Education Services

A new [STEM Teaching Tool](#) provides guidance for giving all students multiple opportunities and avenues for engaging in deep and meaningful sense-making about the natural and designed worlds, rather than creating cognitive, physical, behavioral, neurological, developmental, and emotional barriers.

Six Things to Know About Quality K-12 Science Education

The [March newsletter](#) includes resources on the NGSS design, task annotation, phenomena, and more.

Science and Engineering for Grades 6-12: Investigation and Design at the Center

[Highlights](#) from this recently released [report](#) cites evidence-based ways that teaching and learning should shift and provides guidance for stakeholders on how to support students and teachers as they and instruct in this new way.

Earth Day - April 22, 2019

Consider some of the following resources to begin your planning of Earth Day activities.

[Earth Day, Grades K-5](#)
[Celebrate Earth Day](#)
[Earth Day Activities and Ideas](#)
[Earth Day Lessons, Grades 6-12](#)

[Earth Day Educator Tips](#)
[Earth Day Toolkits](#)
[Skype in the Classroom](#)
[Earth Day Lessons, Grades 6-8](#)