



BACK AT HOMEBASE



Let off some STEAM with these fun activities!

K - 4

[NASA | Climate Kids](#)

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[Research Parent | Extract DNA from Strawberries](#)

9 -12

[STEAMSational | Water Density Experiment](#)

Educator's Corner

STEAM resources for in-person, hybrid, remote learning, and professional development

- [STEM-Works | Education for Kids](#)
- [Scratch | Programming for students](#)
- [NASA | STEM Engagement and Resources](#)
- [Teaching Channel | Professional Learning and Progression](#)
- [PBS | NOVA Labs](#)
- [Learning Technology Center | Digital Literacy](#)
- [CSTA Equity Fellowship](#)
- [NSDL | The National Science Digital Library](#)
- [National Geographic Education](#)

NEWS & EVENTS

2022 Tech Prairie STEAM Expo at the Illinois State Fair, Aug 17 - 21

The Illinois Department of Innovation and Technology (DoIT) is hosting its second annual Tech Prairie STEAM Expo at the Illinois State Fair.

Join us this year to experience interactive exhibits, eSports, drone racing, and more.

The STEAM Expo will be located at the **Orr Building**, next to Conservation World, on the **West side** of the [Illinois State Fairgrounds](#).



NASA's new flagship telescope just released its beautiful first images of the universe



“The telescope, commonly referred to a JWST, [launched last December](#) off the coast of French Guiana. It is the successor to the Hubble Telescope, but larger and even more complex. In the months since it launched, it has gone through a complex process to unfold and calibrate itself, settling into its spot in orbit a million miles away from Earth.”

News & Events Continued

Incorporating STEAM within the Classroom

The Learning Technology Center of Illinois is offering multiple workshops to educators to further improve their curriculum and adapt to the ever evolving field of education.

These workshops offer engaging activities and new learning opportunities to bring into the classroom and further professional goals.

Start a MakerSpace

Thu. August 11, 2022 | 10:00 AM – 11:30 AM

Location: Online

Free!

Closing the Gender Gap with Girls

Who Code

Wed., August 24, 2022 | 3:30 PM – 4:30 PM

Location: Online

LEARNING
TECHNOLOGY
CENTER of ILLINOIS

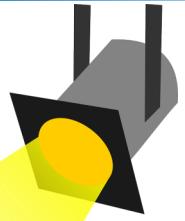
NASA Interns Contribute to Webb Telescope

“Webb, the largest and most complex space observatory built, released its [first full-color images](#) and spectroscopic data earlier this week. In recognition of this moment, NASA is highlighting two interns contributing to the Webb mission”



“Anything is possible with studies and NASA opening the door for all kinds of people, all kinds of students from college, high school, and graduate students. Everyone should apply and grow themselves as a person and as a professional,” Luis Leon (2022)

STEAM Resource Spotlight



Edutopia - STEM to STEAM: Resources Toolkit

“Whether you are looking for resources on integrating science, technology, engineering, and math or on infusing the arts to transform STEM into STEAM, these curated compilations will help you plan different approaches to integrated studies.”



OSF Healthcare Innovation Labs

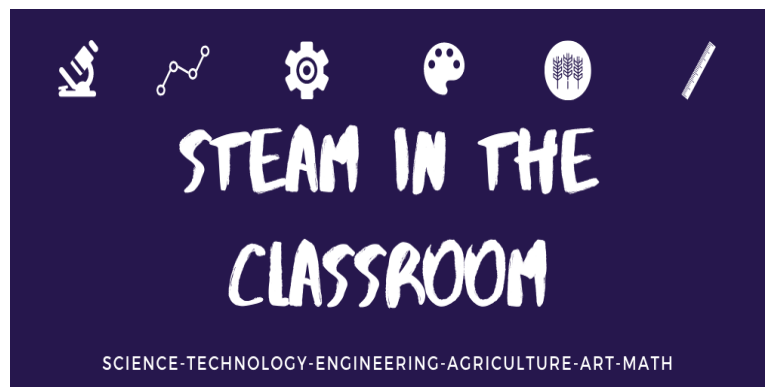


“In collaboration with universities, business partners and philanthropists, we’ve created seven OSF Innovation Labs to explore, develop, test and scale solutions to achieve the goals of our focus areas.”

“The OSF Innovation Labs progress through a disciplined path that provides many opportunities for partnering with both internal and external innovative thinkers and doers.”

Illinois Extension: STEAM in the Classroom

“STEAM in the Classroom is a University of Illinois Extension program developed to educate youth in concepts within Science, Technology, Engineering, Art, Agriculture, and Math.”



The 'A' in STEAM

"Arts foster scientific success" -Dr. Temple Grandin

This series is dedicated to showing how art and creativity play a crucial role in our society on its own and even within the STEM fields. There's a great deal of artistry that goes into our favorite products and media we consume that make our lives easier, or at least a bit more enjoyable, and teach us valuable lessons about history.

Incorporating Arts into Architecture

Nordic Design in Urban Planning



“Since the 1940s, kids in the region have been getting muddy and wet and taking risks in well-designed play areas, and these once-pioneering ideas have spread. The idea of actually creating a playground with specifically designed equipment was conceived in 1850s Germany, with the first being built in Manchester, UK and then in Boston, USA.”

SIU | Student Team Places Second in Solar Competition

“A team of students from Southern Illinois University Carbondale finished second in its portion of the U.S. Department of Energy’s Solar District Cup. The team designed a system that integrated solar energy, storage and other technologies for The Ohio State University medical campus.”





www.illinois.gov/doiit-steam



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