STEM ACTION CENTER UTAH

November 2019 Newsletter

STEM FEST 2019

STEM Fest 2019 welcomed more than 15,000 students, families, educators, and industry partners to experience the state's largest celebration of STEM education. Students from all over the state engaged in hands-on STEM activities and were able to talk first-hand with industry professionals about future career opportunities. Thanks to everyone who attended, and we are looking forward to next year!
Save the date for September 29-30, 2020 at the Mountain America Expo Center.

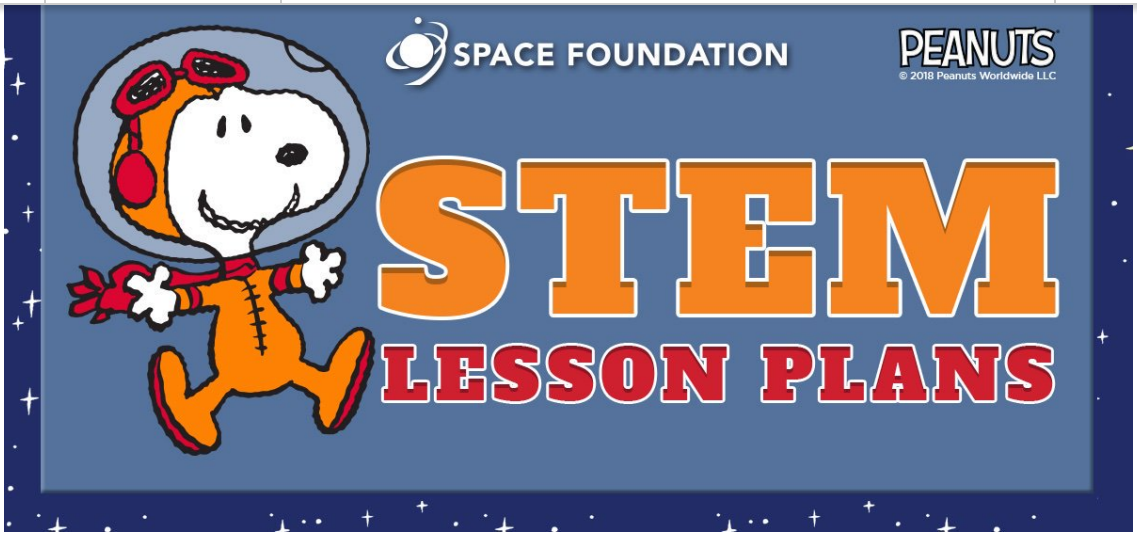
Upcoming STEM Events

February 10, 2020 - NSTA Exploration Science Competition registration deadline - More information

February 19 & 20, 2020 - Engineering & Technology Week - UVU - More information

April 25, 2020 - ROADS on Mars Challenge Event - Snow College - More information

STEM Curriculum Ideas



Peanuts and Space Foundation Offer FREE STEM Lesson Plans
Link to Lesson Plans

We want you to share your STEM lessons for other teachers to use. Please use this link below to submit those amazing lesson plans:

STEM lessons

STEM News

Girls Sweep All 5 Top Awards

At a national science and engineering

ROADS on Mars Student

How to Design Events to Inspire Girls About STEM

students, girls took home all five top awards for the first time this year. Other top winners included Rachel Bergey of Harleysville, Pennsylvania; Sidor Clare of Sandy, Utah; Alexis MacAvoy of Hillsborough, California; and Lauren Ejiaga of New Orleans, Louisiana.

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3 Students Go to National Science Competition

Mercedes Randhahn found a laboratory to use. She learned two and a half months' worth of chemistry material in just a couple of weeks. And then she got to work.

Following in the steps of NASA's Mars 2020 mission, the ROADS on Mars challenge gives teams of students grades 3-12 a chance to tackle a mission to Mars, follow in the path of the next rover - Mars 2020.

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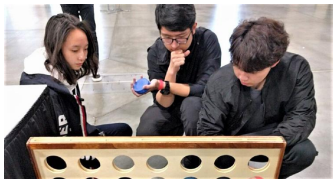

WA Students Go Hands-on at Utah STEM Fest

The annual Utah STEM Festival for 6th through 10th grade students was held recently at the Mountain America Expo Center, Sandy. Dr. Engberg, Wasatch Academy (WA) Director of Engineering and Technology Program, took 18 students from his engineering, design thinking and robotics classes to

to attract more women to fields in science, technology, engineering, and mathematics (STEM, or STEAM when it also incorporates the arts). But the first element is attracting women to these fields is getting them enthusiastic about the subject early on in life.

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Hour of Code

This Hour of Code is about #CSforGood. Learn CS, change the world. The Hour of Code theme of creativity in 2018 inspired students globally to create technology using computer science. On Code.org alone, students created more than 50 million projects!

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technology, engineering, and math (STEM) interactive exhibits at the event.

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STEM Programs

STEM Bus

The STEM bus team greeted Utes fan's at the Football game against Cal State this month and let fans try out STEM activities on the bus. This month they also led a Preschool Leap Into Science Program at House of Hope, read about the wind and made wind turbines with the kids.
If you's like to get on the interest

STEM Ambassadors

The Utah STEM Action Center is always looking for high school and college students as well as recent college graduates and industry professionals who have a passion for STEM and would like to

learn about future registration dates, events and teacher resources, follow this link: STEM Bus Interest List

Learn More

technology, engineering, and math to K-12 students and educators throughout the State of Utah.

Apply here

view this email in your browser

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Department of Heritage and Arts

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