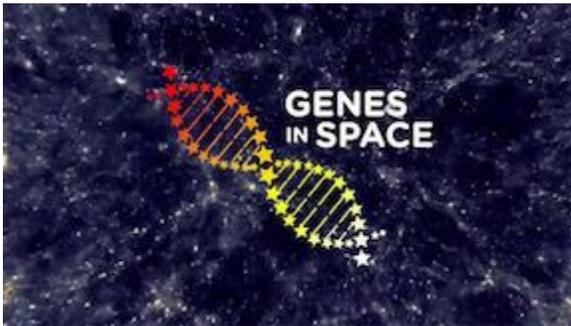


[View this email in your browser](#)



GENES IN SPACE



Calling all students in grades 7 through 12: Have you ever wondered about how astronauts might survive a deep-space mission or how we might use biology to transform new worlds? If so, Genes in Space is for you!

Genes in Space is a science contest that challenges students to design original DNA experiments that address real-life challenges and opportunities of space exploration. **The winning experiment is conducted by astronauts on the International Space Station!** The contest is free, and does not require equipment. Proposals will be judged solely on their creative and scientific merit. <https://www.genesinspace.org/us-contest/>

NOT TOO EARLY TO TALK SUMMER!



Last summer GO-STEM partners facilitated several summer opportunities for students and teachers in enriching STEM explorations. Do you have an idea or need to have a summer institute, workshop, or class this summer? We'd like to know so GO-STEM can work with regional partners to make it happen.

Participation/Feedback

Are you interested in guiding GO STEM's activities? Please get in touch with us. We have several opportunities and projects that would benefit from your expertise!

Contact Kim Young at kwyoung1@eou.edu

FUNDING



Ticket2Ride Grants provide funding for 3rd-5th grade students in Title I schools to use the Oregon's State Parks for experiential

learning. <https://www.oregonstateparksfoundation.org/ticket-2-ride/>

Environmental Justice Small Grants (EJSG) program by EPA awards grants that support community-driven projects designed to engage, educate, and empower communities to better

understand local environmental and public health issues.

<https://www.epa.gov/environmentaljustice/environmental-justice-small-grants-program>

REMINDERS

Social Media

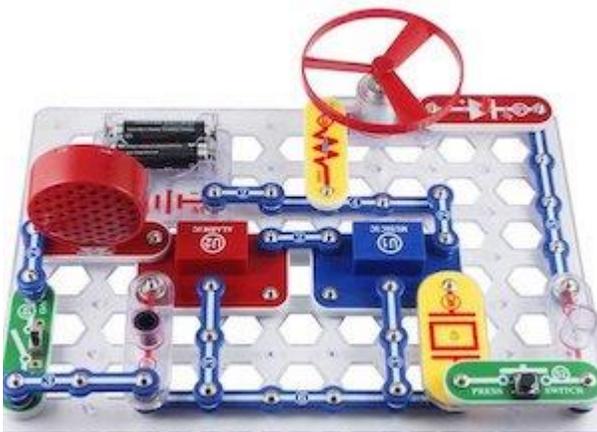
Check our Facebook and Twitter accounts for daily weird and science news, GO STEM updates, and more! These make great morning classroom icebreakers.

- Facebook: <https://www.facebook.com/EOUGOSTEM/>
 - Twitter: https://twitter.com/GOSTEM_EOU
-

Lending Library

We have a large library of STEM equipment and tools that are FREE for educators to use! Check out: <http://go-stem.org/educator-resources/lending-library/>

FEATURED THIS MONTH: SnapCircuits



SnapCircuits allow students to follow instructions in the manual (or build their own!) to power

lights, fans, and build exciting projects like AM radios, burglar alarms, doorbells, and more. Pieces snap together onto a plastic board and are powered by batteries. This is an easy way for students to understand currents and circuits. Recommended for grades 3-8.

Review from one of our youth (7th grade) users: "I like how it tells me what's happening but then I can also experiment and try changes or make my own design."

MedQuest Health Career Exploration Camp

June 16-21, 2019



Jump-start your future health career!

Get an exclusive look at the exciting world of healthcare during NEOAHEC's week-long MedQuest Camp! Try out college dorm life, shadow health professionals, sit in on fascinating presentations and medical panels, and much more! You may even **witness a surgery** or **ride along** on an ambulance call!

Who: Students completing grades **9, 10, 11, and 12** are eligible to apply. This opportunity is **competitive!** Approximately 35 students will be selected state-wide, with acceptance decisions based on recommendations, GPA, & quality of application. Preference is given to first-time participants.



Where: Eastern Oregon University campus in La Grande.

Cost: **\$400** for the entire week (including \$25 application deposit). *Scholarship opportunities are available.

Registration: Apply by Thursday, March 14th!



Beat the application rush! Students who apply by Sunday, December 30th may qualify for early acceptance!

For more info, visit:

www.neoahec.org/programs/medquest/

**Questions? Contact (541) 962-3422
or bhargrove@neoahec.org**



Northeast Oregon
Area Health Education Center

STEMazing NEWS!



Plant Air Cleaners!

Some chemicals that are produced in the home can accumulate even through air filters that are part of the heating and cooling systems. Chloroform can be generated from heating chlorinated water and benzene comes from gas tanks that may vent indoors. These two molecules are too small to be removed by HEPA filters. Pothos ivy to the rescue! Genetically modified house plants have been shown to process these chemicals and scrub your environment! See and read more at:

<https://www.sciencedaily.com/releases/2018/12/181219093911.htm>

Follow STEMazing News on Facebook!

UPCOMING EVENTS

KidWind

Participants will get hands-on experience experimenting with wind turbines and with other equipment and resources to prepare students.

Those who attend will receive a wind turbine kit and other goodies!

At EOU, January 18. Geared toward middle/high school teachers. Free, but registration is required.

<https://www.eventbrite.com/e/kidwind-challenge-workshop-la-grande-or-tickets-51491393143>

EOU STEM Preview Day

January 25, 8:30-2:30

At EOU. Geared toward high school students. Registration required. <https://www.eou.edu/visit/>

Save the date:

3/7 - IMESD Tech Expo

5/2 - Eastern Oregon Construction and Utilities Career Day

6/16 - MedQuest Health Career Exploration Camp

Have an event? Send it to mjaeger@eou.edu or kwyong1@eou.edu and we'll share it with our partners!



Copyright © 2019 GO-STEM, All rights reserved.

You are receiving this newsletter because you are a participant in STEM learning in the Greater Oregon STEM Hub region.

Our mailing address is:

GO-STEM

Eastern Oregon University

La Grande, Or 97850

[Add us to your address book](#)

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#).

