



CTSGC Educator Resources for November

Plant the Moon - Spring 2023 Applications Now Open!



CTSGC is excited to once again offer the opportunity for CT teachers and informal educators to be part of the Plant the Moon Challenge.

This global science experiment and research challenge examines how vegetable crops can grow in lunar or Martian soil. To accomplish this, teams design and conduct a set of experiments using Lunar or Martian simulant to grow crops during the 10-week designated timeframe.

Teams are provided with weekly engagement activities and are invited to live virtual events for students to interact with science advisors and special guests.

Interested Team Leaders should submit their application to be part of the Spring 2023 Challenge before November 18, 2022 using the button below.

Want to learn more?

- Visit the [CTSGC website](#) for more information, including key dates.

**Apply for the Spring 2023
Challenge**

Native American Heritage Month

NATIVE AMERICAN HERITAGE MONTH

November is Native American Heritage Month and encourages us to recognize and pay tribute to the rich ancestry and traditions of Native Americans. [NASA recognizes and celebrates many of their Native American staff.](#)

Want to learn more?

The Smithsonian National Museum of the American Indian has a series of [Star Stories on their YouTube channel](#). These stories are centered on indigenous cosmologies—worldviews and philosophies related to the creation and order of the universe.

You can also connect with one of these professional societies in your area for additional information or resources:

- [Society for Advancement of Chicanos/Hispanics and Native Americans in Science \(SACNAS\)](#)
 - [American Indian Science and Engineering Society \(AISES\)](#)
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National STEM/STEAM Day



National STEM/STEAM Day is celebrated every year on Nov. 8 as a way to inspire an interest in the fields of science, technology, engineering, art, and math.

STEM occupations account for nearly 7% of all U.S. occupations and STEM workers play an important role in America's innovative capacity and global competitiveness. They are our engineers, medical scientists, sociologists and informational security analysts among others, and their creativity to solving problems has a far-reaching impact on our daily lives.

Want to learn more?

The [National Informal STEM Education Network](#) has many resources for hands-on activities that inspire creative exploration of a variety of topics. These activities can be done in the classroom, at home, or in other settings

Meteor Showers This Month



There are a couple of potential meteor viewing opportunities this month: the Taurids (peaking in early November) and the Leonids (peaking mid-month).

Want to learn more?

- You can learn more about these, including the schedule, at the [American Meteor Society](#) website.
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We invite you to join NASA CONNECTS!

You can join as a formal K-12 educator or as a professional in the informal education (out-of-school time) field. Registered community members will have the opportunity to sign up for engagement events, view and chat with other members who are interested in similar fields, read exclusive NextGen STEM content, and access resources such as lesson plans and interactive media. These members will discover resources that enable further STEM learning in their respective areas.

If you have a Gateway account, click the button below to log in through NASA Gateway, then register to join NASA CONNECTS. If you do not have a NASA Gateway account, you will need to create one before joining this community of practice by clicking the button below and following the prompts.

Join NASA CONNECTS

What's Happening Next Month?

Computer Science Week and Hour of Code

We are always looking to share information with K-12 partners who have a passion for STEM topics. Please forward this email to others in your school or district who may enjoy the content, and ask them to join our mailing list by clicking the link below!

Join Our K-12 Mailing List!



NASA CT Space Grant Consortium encourages K-12 educators statewide to apply for funding for space-themed or other STEM programs.

- Student or Teacher Workshops
- Rocket Launch
- Engineering or Design Challenges
- Field Trips
- After School Programs
- Robotics Clubs
- NASA Guest Speaker
- Summer Camp Programs
- Space Day or Observe the Moon Programs
- Special Projects or Events
- and more!

Follow us online for news and opportunities

CTSpaceGrant.org CSGCinfo@hartford.edu 860.768.4890 www.ctspacegrant.org



If you are interested in exploring funding for an upcoming STEM program, we invite you to [visit our website](#) for ideas or to apply.

CT Space Grant Consortium

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