



CT Space Grant Consortium Educator Resources for June



Learn More About Plant the Moon/Plant Mars



CT Space Grant Consortium is looking ahead to the next generation of Lunar and Martian Scientists who want to design and implement experiments to grow seeds in simulant soil this Fall. Plant the Moon/Plant Mars is an exciting chance for students of all ages to be part of a global science experiment and research challenge to examine how vegetable crops can grow in Lunar or Martian soil.

Want to learn more about the challenge?

An informational webinar will be held by the Institute for Competition Sciences for those who want to learn more about the program.

[Register for the June 1, 2023 webinar online](#). This is also the date that applications will open for CTSGC funding towards the Fall 2023

Challenge. You can apply online to be part of the Fall 2023 Plant the Moon/Plant Mars Challenge.

Register for the Informational Webinar

Other dates to note:

- 7/31/23: CTSGC Applications Close
- 8/18/23: Awardees Notified
- 8/21/23: Awardees sign commitment forms with ICS
- 9/5/23: Kits begin to ship/Contribution to CTSGC due
- 9/11/23: Opening Symposium
- 9/17/23: Task #1 Due from Team Leaders
- 9/24/23: Task #2 Due from Team Leaders
- 10/08/23: Task #3 Due from Team Leaders
- 10/9-13/23: Live Event #1 (date TBD)
- 10/29/23: Task #4 Due from Team Leaders
- 10/30-11/03/23: Live Event #2 (date TBD)
- 12/10/23: Task #5 (Final Reports) Due from Team Leaders
- 01/08/24: Closing Awards Ceremony

Apply for the Fall 2023 Challenge

World Environment Day and World Oceans Day



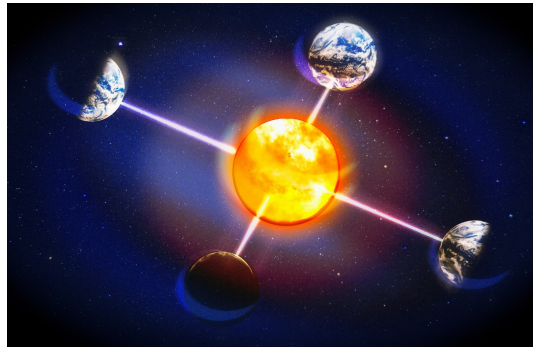
Led by the United Nations Environment Programme (UNEP) and held annually on June 5, World Environment Day is the largest global platform for environmental public outreach and is celebrated by millions of people across the world. World Environment Day 2023 is a reminder that people's actions on plastic pollution matters. The steps governments and businesses are taking to tackle plastic pollution are the consequence of this action.

Learn about World Environment Day

The United Nations celebrates World Oceans Day every year on June 8 as an opportunity to raise global awareness about the benefits of the ocean and humankind's collective duty to use those resources responsibly.

Learn about World Oceans Day

Welcome Summer!



The summer solstice is regarded as the first day of summer, and is also the longest day of the year. This means days get shorter during summer—very slowly at first, but at ever-larger daily intervals as the September equinox approaches, heralding the start of fall.

[Learn about Solstices](#)

International Women in Engineering Day

I'm supporting INWED2023 #INWED23 #MakeSafetySeen



International Women in Engineering Day is a global awareness campaign that aims to enhance the visibility of women in engineering and draw attention to the exciting career opportunities accessible to young women in this field. It honors the exceptional accomplishments of female engineers throughout the world.

Join the celebration on International Women in Engineering Day by posting about an inspiring female engineer in your life - and be sure to tag #CTSpaceGrant in your post!

Professional Development Scholarships

Summer is almost upon us, but the learning doesn't stop with the school year. If there are summer PD programs you would like to attend, K-12 Educators are invited to apply to CT Space Grant for scholarships to attend STEM Professional Development programs. If you are applying to STEM-related PD programs and would like to explore funding to support registration or other expenses, we invite you to [apply for funding](#) online.

A report must be provided to CTSGC from awardee following completion of the event. A report link will be sent to the email address provided and must be completed promptly following the event.

Apply for Professional Development Scholarship



Upcoming Lunar/Meteor Events

July 17 to August 24: *Perseid Meteor Shower*
July 28: *Delta Aquarids Meteor Shower*
August 01: *Supermoon*
August 31: *Supermoon (blue moon)*

There are many online resources to find astronomical events. In-the-Sky offers an option to search visibility (i.e. to the naked eye, with binoculars, etc.) and location of events. Click the link below to learn more.

In-the-Sky night sky events



This Summer

July 20: *Anniversary of Apollo 11*
Aug. 16: *National Roller Coaster Day*
Aug. 19: *National Aviation Day*

What's Coming Up at CTSGC

October 14, 2023: Annular Solar Eclipse
October 21, 2023: International Observe the Moon Night

Want to learn more about eclipses from NASA? [Click here.](#)



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

Join Our K-12 Mailing List!



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

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

NASA Office of STEM Engagement also maintains resources for K-12 educators, including professional opportunities, resource collections, and activities based on grade levels. To view these resources, visit the NASA STEM Engagement website below.

NASA Connecticut Space Grant Consortium (CTSGC) is a federally mandated grant, internship, and scholarship program that is funded as a part of NASA Education. There are Space Grant Consortia in all 50 states, plus Washington D.C. and Puerto Rico. The mission of the NASA CTSGC is to further the efforts started through NASA's Education Strategic Framework, Lines of Business, and the National Space Grant Program Goals and Objectives. Specifically, NASA CTSGC has three major goals: 1) To establish and promote NASA-related research opportunities that draw on the collaborative strength of private, academic, and government sectors; 2) To support education initiatives that will inspire students to pursue careers in science, technology, engineering, and mathematics (STEM); and 3) To promote workforce development that recognizes the current and future needs of the Connecticut economy.

CT Space Grant Consortium

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