



CT Space Grant Consortium Educator Resources for April



Professional Development Scholarships

There are still limited opportunities available for funding - apply now! 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**



Field Trip Scholarships

There are still a **limited number of [field trip scholarships](#) available** from CTS GC for Connecticut K-12 schools who are planning a STEM-themed field trip this spring to one of our academic affiliates or informal education partners. Applications are being accepted for field trips scheduled to:

Museums:

- [New England Air Museum](#), Windsor Locks
- [Connecticut Science Center](#), Hartford
- [SHU Discovery Museum](#), Bridgeport

Planetariums:

- [Copernican Planetarium and Observatory](#), Central CT State University, New Britain
- [Robert K. Wickware Planetarium](#), Eastern CT State University, Willimantic
- [Van Vleck Observatory](#), Wesleyan University, Middletown
- [Treworgy Planetarium at Mystic Seaport Museum](#), Mystic

Funds from awards can be used for program or transportation costs for STEM-themed field trips. A report must be provided to CTS GC from awardee following completion of the field trip. A report link will be sent to the email address provided and must be completed promptly following the trip.

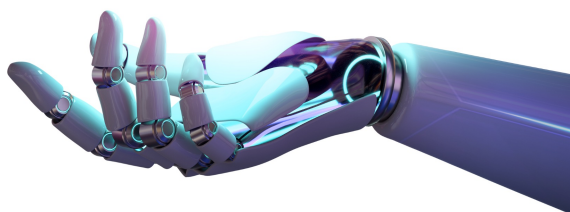
Apply for Field Trip Funding



April is Math Awareness Month

Have you ever wondered how math is used by scientists to make their discoveries? NASA has resources with over 1000 math problems that reveal the many ways math and science work together to help us understand the universe. Visit [Space Math @ NASA](#) to learn more.

Visit Space Math @ NASA



National Robotics Week

April 8-16, 2023 is National Robotics Week - a celebration that seeks to inspire students in robotics and STEM related fields, and share the excitement of robotics across all ages while at the same time showcasing the strength of the industry and the amazing things yet to come. The NASA Robotics Alliance Project has compiled many resources for students and educators to explore this topic through other websites.

**NASA Robotics Alliance
Project**



Earth Day

Saturday, April 22, 2023 is Earth Day. This annual celebration honors

the achievements of the environmental movement and seeks to raise awareness of the need to protect Earth's natural resources for future generations.

NASA's Jet Propulsion Lab at the California Institute of Technology has put together several resources for educators to use to explore Earth-related topics with students.

NASA JPL Earth Day Resources



Upcoming Lunar/Meteor Events

April 6: *Full Moon*

April 23: *Lyrid meteor shower*

June 3: *Full Moon*

June 11: *Daytime Arietid meteor shower*

June 27: *June Bootid meteor shower*

June 21: *Summer Solstice*

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



What's Coming Up at CTSGC

April 22, 2023: Earth Day

May 5, 2023: National Space Day

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 STEM Engagement Resources for K-12 Educators](#)

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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