



CTSGC Educator Resources for October

International Observe the Moon Night



International Observe the Moon Night is a global event where moon enthusiast worldwide take part in celestial observations, as well as learn about scientific and cultural information about the moon.

Want to learn more?

NASA's website has plenty of information about International Observe the Moon Night, including [information about the moon](#), [maps of the moon](#), and plenty of [activities related to the moon](#).

CT Space Grant Consortium is hosting our annual International Observe the Moon Night Photo Contest. If you would like to learn more, there is information about [hosting your own viewing event or joining the contest](#) on our website.

World Space Week



**World Space
Week** OCTOBER 4-10

World Space Week is celebrated from October 4 - 10, 2022. Coordinated by the United Nations with the support of the World Space Week, World Space Week seeks to educate people worldwide about the benefits that they receive from space, encourage greater use of space for sustainable economic development, excite young people about science, technology, engineering, and math among other goals. The theme for World Space Week 2022 is "Space and Sustainability", celebrating sustainability in

space, and sustainability from space.

Want to learn more?

The [World Space Week website](#) has information about the WSW Association, Space Week, and downloads about space.

Manufacturing Day

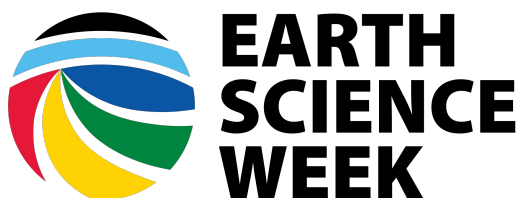


Manufacturing Day, celebrated on October 7, 2022, is an initiative to grow and support the manufacturing industry's skilled workers for the advancement of modern manufacturing. Manufacturing Day aims to showcase the reality of modern manufacturing careers and address the skills gap that is leaving more than 2.4 million American jobs unfilled by 2028. This skills gap is in part due to a lack of awareness of the incredible career pathways in manufacturing. Manufacturing Day encourages thousands of companies and educational institutions around the nation to host in-person or virtual events for students, parents, teachers and community leaders to get an inside look at modern manufacturing and the exciting career opportunities that the industry offers..

Want to learn more?

- The [Manufacturing Institute](#) uses events like Manufacturing Day as a way to excite America's youth about the incredible career pathways that modern manufacturing offers.
 - [Creators Wanted](#) seeks to inspire the workforce of the future.
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Earth Science Week



Earth Science Week, celebrated from October 9-15, 2022, was founded in 1998 by the American Geosciences Institute (AGI). It is an annual international event held to encourage better public understanding of and appreciation for the Earth Sciences and Earth stewardship.

Want to learn more?

- You can explore [Earth Science Week](#) events, programs and resources online.
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National Chemistry Week



National Chemistry Week (NCW) is celebrated from October 16-22, 2022. This annual US event is to raise public awareness of the importance of chemistry in everyday life. It is coordinated by the American Chemical Society (ACS).

Want to learn more?

- You can explore [National Chemistry Week](#) events and resources online.

Nuclear Science Week



October 17-21, 2022 is Nuclear Science Week. Nuclear Science Week (NSW) is an international celebration to focus local, regional, national and international interest on all aspects of nuclear science. Activities during the week are intended to build awareness of the contributions of the nuclear science industry and those who work in it every day. Nuclear Science Week invites people from all over the globe to “Get to Know Nuclear” and participate in a week-long celebration that advances education, stimulates participation and generates communication that provides insight and visibility for the achievements of the nuclear sciences.

Want to learn more?

You can explore [Nuclear Science Week](#) events and resources online.

Dark Matter Day



October 31, 2022 is Dark Matter Day, a globally recognized celebration of research and discovery. Every year on this day, institutions and individuals around the planet hold events to explore the mysteries of dark matter and highlight the experiments that could bring us closer to solving them.

Want to learn more?

You can explore [Dark Matter Day](#) events and resources online to plan your own.

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?

- Native American Heritage Month
- National STEM - STEAM Day
- PRIDE in STEM Day

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!

CTSpaceGrant.org CSGCinfo@hartford.edu 860.768.4890

Follow us online for news and opportunities
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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