



CTSGC Educator Resources for Summer

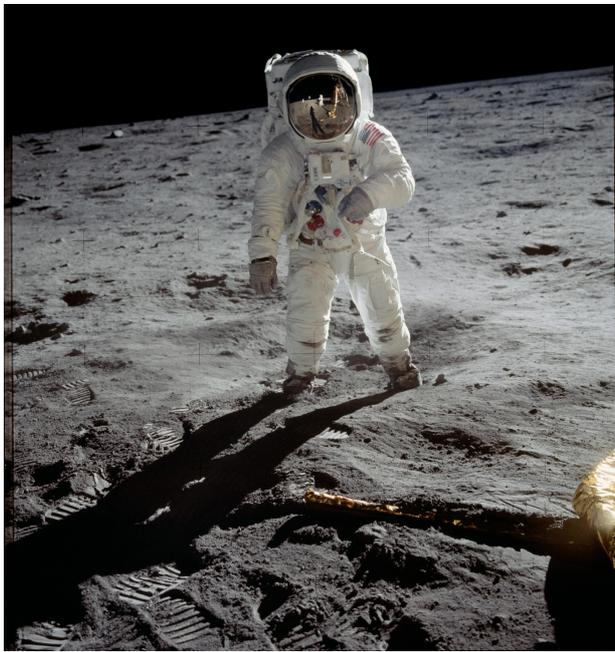
July 13th: Full Moon / Supermoon



On Wednesday, July 13th, the full moon, or Buck Moon as the early Native American tribes called it, will occur. Because the moon will be near its closest approach to the Earth, it may look larger and brighter than usual – a Supermoon. Though the actual full moon occurs at 2:38 PM EDT on the 13th, it will appear full from early Tuesday until Friday. This will be the second of three Supermoons in 2022 - the next will occur on August 12th.

Learn more about [Supermoons](#)

July 20th: Anniversary of Apollo 11



On July 20, 1969, the Apollo 11 crew successfully completed the national goal set by President John F. Kennedy eight years prior: to perform a crewed lunar landing and return to Earth. Aside from being the first Americans, and the first humans, to step foot on the Moon, the Apollo 11 mission provided tremendous scientific information for mankind.

Want to learn more?

- Visit the [NASA website](#) to learn all about the historic Apollo 11 Mission, including photos.

Photo Information: Astronaut Buzz Aldrin walks on the surface of the moon near the leg of the lunar module Eagle during the Apollo 11 mission. Mission commander Neil Armstrong took this photograph with a 70mm lunar surface camera. While astronauts Armstrong and Aldrin explored the Sea of Tranquility region of the moon, astronaut Michael Collins remained with the command and service modules in lunar orbit. Image Credit: NASA

August 12-13: Perseid Meteor Shower



The Perseids are perhaps the most popular meteor shower of the year, visible between July and August. Perseids frequently leave long trails of light and color behind them in the night sky. With clear skies, you can see a spectacular cosmic light show. The 2022 peak is August 12-13, 2022

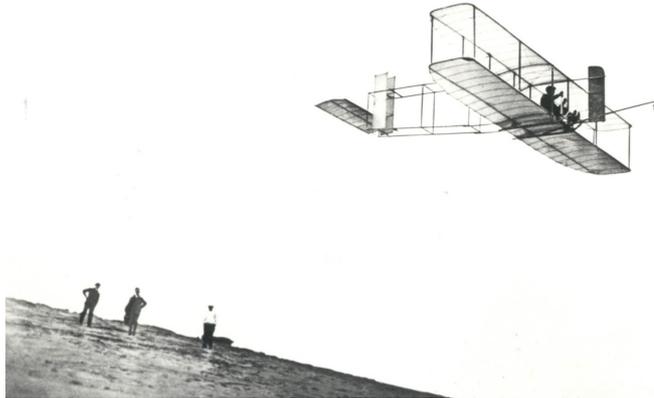
Want to learn more?

- [Perseid 2022 Meteor Shower](#) from Space.com

- [Perseids](#) from Nasa.gov

*Photo Information: Perseid Meteor Shower/NASA ID: NHQ202108110003
In this 30 second exposure, a meteor streaks across the sky during the annual Perseid meteor shower, Wednesday, Aug. 11, 2021, in Spruce Knob, West Virginia. Photo Credit: (NASA/Bill Ingalls)*

August 19: National Aviation Day



Humans have long been intrigued with the idea of flying - whether through kites, balloons, gliders or more. But it took the ingenuity of two brothers - Orville and Wilbur Wright - who are credited with inventing and building the world's first successful airplane and making the first controlled powered and sustained heavier-than-air human flight in 1903.

Since 1939, August 19th has been celebrated as National Aviation Day, the legacy of a presidential proclamation first made by Franklin D. Roosevelt to celebrate the birth date of civil aviation pioneer Orville Wright. National Aviation Day recognizes the history of aviation, as well as celebrates the developments that continue today.

Want to learn more?

- Learn more about National Aviation Day, as well as explore resources and activities to share with kids of all ages on [NASA.gov](#).
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First Woman: Dream to Reality

[Contact the CT Space Grant office](#) to receive your complimentary copy of NASA's new graphic novel - *Issue #1: Dream to Reality* (English language version only). We have a limited number to share with partners across Connecticut, and requests will be taken on a first-come, first-served basis. Be sure to include your name, organization, and mailing address.

Follow Callie's trailblazing path as the first woman on the Moon. Callie and her robot sidekick, RT, overcome setbacks, disappointment, and tragedy along the way. From her childhood dreams of space travel to being selected as an astronaut candidate, Callie takes us on her journey to the Moon.

If you wish to learn more, or to download the Spanish language version, visit [NASA](#).

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 During the Fall?

October 1, 2022 is International Observe the Moon Night

- Learn more about how to celebrate this event - including our upcoming [Photo Contest](#) - on [our website](#)

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!](#)

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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