



Next Gen STEM OPPORTUNITIES

S U M M E R 2 0 2 1



Mission to the Moon Summer Camp

Hands-on activities that take campers from launch to landing on an Artemis mission to the Moon. Includes five free virtual training sessions for educators and facilitators.

- May 10-14, 2021
- forms.gle/C5M3P54WCB32SfdM6



Commercial Crew Program 360° Virtual Tours

Students get a behind-the-scenes look at NASA and commercial partners' facilities through personal VR systems and 360 video and virtual reality technology.

- Accessible now
- www.nasa.gov/stem/nextgenstem/commercial_crew/virtual-reality.html



Educator Professional Development

Distance Learning Opportunities for Educators and Students. Sign up for NASA webinars on STEM education topics at no cost- Learn Wherever You Are!

- Spring/Summer schedule in link
- www.txstate-epdc.net/event-post/



#LaunchAmerica STEM Mission Toolkit

Resources for students, parents, and teachers to engage in authentic learning experiences.

- Accessible now
- www.nasa.gov/stem/nextgenstem/commercial_crew/launchamerica-stem-mission-toolkit



SUMMER CHALLENGE

Mission to Mars Summer Challenge

Training for camp staff, to offer campers hands-on opportunities to learn about Mars, planning a mission, launching and landing, and surface exploration. Plus, live online sessions including NASA Mars 2020 mission experts for campers!

- Follow the link for schedule
- informal.jpl.nasa.gov/museum/content/mission-mars-student-challenge-summer-camps



TOOLKIT

Mars 2020 Toolkit

Bring the exciting engineering and science of the Mars Rover, Perseverance and the Mars Helicopter, Ingenuity to students in the classroom and at home with STEM lessons and hands-on activities covering topics such as biology, geology, physics, mathematics, engineering, coding, and language arts.

- Accessible now
- www.nasa.gov/stem/nextgenstem/moon_to_mars/mars2020stemtoolkit



Expedition 66 downlink opportunity

Proposals open May 3rd and are due on June 30th for the opportunity to participate in Downlinks with Astronauts occurring between Oct. 2021 - April 2022.

- Email for opportunities
- JSC-Downlinks@mail.nasa.gov



Artemis 3.0 Website

This new website invites youth and educators to actively join the Artemis Generation to make, launch, teach, compete and learn to be a part of an Artemis mission.

- Accessible now
- stem.nasa.gov/artemis/



New STEMonstrations - Newton's First Law and Earth Observation

Additional STEMonstrations will be released throughout the Summer 2021, showcasing Astronauts conducting science experiments in space!

- Spring/Summer schedule in link
- www.nasa.gov/stemonstrations



STEM Stars YouTube Series

NASA STEM Stars is a web chat series for students ages 13+. Students hear from NASA subject matter experts and learn about STEM careers, and STEM topics related to NASA missions.

- Schedule in link.
- www.nasa.gov/stem/nextgenstem/nasa-stem-stars/index.html



NASA STEM
INSPIRE • ENGAGE • EDUCATE • EMPLOY

Additional NASA STEM resources and information can be found at stem.nasa.gov.