



5, 4, 3, 2, 1 ... Blast Offline With NASA STEM!

During May, take a break from screens and virtual learning with these five hands-on activities. Print this sheet and check your progress throughout the month!



Thank a Teacher During Teacher Appreciation Week.

During the week of May 3-7, we celebrate teachers and the amazing things they do to prepare the next generation of explorers. Show your teachers how much you care by making an out-of-this-world pop-up card. Watch this video to learn how:

<https://youtu.be/DUSOJcEuMzA>



Launch a Rocket to Celebrate America's First Astronaut.

On May 5, 1961, Alan Shepard became the first American in space. His suborbital flight lasted just over 15 minutes and marked the United States' entrance into the space race. Celebrate the 60th anniversary of this historic event with your own launch.

Straw Rocket Activity: <https://go.nasa.gov/3xtZeQR>

Foam Rocket Activity: <https://go.nasa.gov/3vpw4Ao>



OSIRIS-REx Bids Farewell to Asteroid Benu.

On May 10, the OSIRIS-REx spacecraft will begin its journey back to Earth after a successful sample collection maneuver at asteroid Benu. The spacecraft will return to Earth in 2023, and scientists will study the asteroid samples to better understand how planets formed and how life began. Make your own paper model of the spacecraft.

<https://go.nasa.gov/2Dj1WBI>



Be a Citizen Scientist and Join the GLOBE Trees Challenge.

Celebrate trees by joining the Global Learning and Observations to Benefit the Environment (GLOBE) Program and GLOBE Observer citizen science challenge.

Complete observations and take part in activities by May 15 to help NASA scientists better understand Earth's forests. <https://observer.globe.gov/trees-2021>



Watch the Moon Travel Through Earth's Shadow.

On May 26, a total lunar eclipse will be visible throughout parts of western North America, the Pacific Ocean and parts of eastern Asia, Japan and Australia. During this type of eclipse, the Moon will gradually get darker, and then take on a rusty or blood red color.

Try this hands-on activity to see why eclipses happen. <https://go.nasa.gov/3nt1hzW>