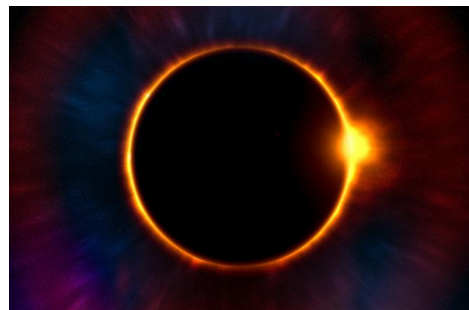




Explore the Solar Eclipse with NASA

The solar eclipse is just around the corner! On Monday, August 21, 2017, a total solar eclipse will be visible in totality within a band across the entire contiguous United States ([Wikipedia](#)). Check out these resources from NASA to explore the solar eclipse with the kids in your program:



Free Eclipse Digital Experience Available from NASA and Infiniscope

Aligned with the Next Generation Science Standards, the "Eclipse 2017" experience presents NASA's "Eyes on the Solar System" visualization embedded within the immersive digital learning environment of Infiniscope. Learners will explore the Earth-moon-sun system; learn about shadows at the astronomical level; and predict the eclipse's path of totality.

[Visit Infiniscope](#)

NASA's Digital Learning Network Live Event - E-Day 2017: Total Solar Eclipse Webcast

Event Date: August 21, 2017, 1:15 - 3:15 p.m. EDT

Join NASA's Digital Learning Network for a two-hour solar eclipse extravaganza! Tune in to see the eclipse live from within the path of totality and learn about the science of the sun-Earth-moon system. Watch CricketCam and make predictions. Find out how to get involved in NASA opportunities. Ask NASA experts your questions via Twitter @NASADLN using #askDLN or by email.

[Learn more](#)

Grants Available to Start FIRST Tech Challenge Teams!

FIRST Tech Challenge teams (grades 7-12) are challenged to design, build, program, and operate robots to compete in a head-to-head challenge in an alliance format. Guided by adult Coaches and Mentors, students develop STEM skills and practice engineering principles while realizing the value of hard work, innovation, and sharing ideas. The robot kit is reusable from year-to-year and

can be programmed using a variety of languages, including Java. Teams also must raise funds, design and market their team brand, and do community outreach for which they can win awards. Participants have access to tens of millions of dollars in college scholarships. The 2017/2018 FIRST Tech Challenge season will kickoff September 9 at ASU when the Relic Recovery game will be revealed.

Check out the teaser trailer for the game here
Learn more & apply



Countdown to Astronomy Day!

National Astronomy Day is coming up on September 30, 2017. Here are a few resources to help you plan activities to celebrate!

- **Hands-On Astronomy Activities from Astronomical Society of the Pacific**
- **Activities & Public Outreach Materials from NASA Space Place**
- **PBS Seeing in the Dark Activities for Educators**



Arizona Center for Afterschool Excellence

azafterschool.org/STEM

