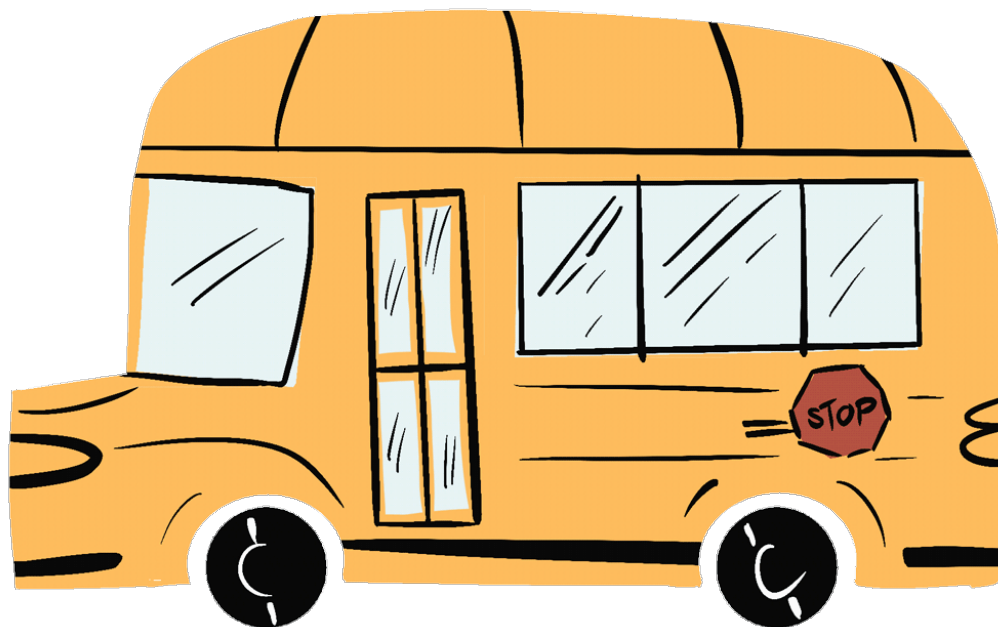


NASA eClips™

SUMMER 2021 NEWSLETTER



BACK TO SCHOOL



In this Edition:

All About Asteroids | Sunny-Day Activities |
VALUE Bundles | Nature of Science |
Spotlite Design Challenge | Summer Interns

NASA has you and your students covered for exciting outdoor scientific discoveries and space exploration for the end of summer! Check out the [NASA Science Summer Events and Activities](#) for ways to engage your students and/or family members.

NASA's Lucy Mission to the Trojan Asteroids is scheduled to launch in October 2021. For all things asteroid, don't miss these NASA eClips resources:

Real World: Small Bodies

Orbiting the Sun

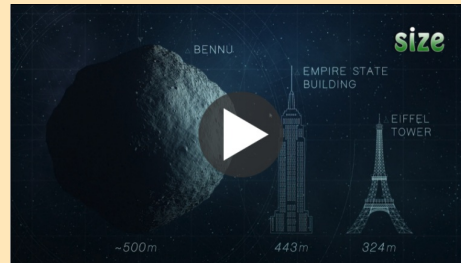
In addition to planets and their moons, there are many small bodies orbiting the Sun. How did these bodies form? Learn more about comets and asteroids and the role these play in our Solar System, as well as NASA's Rosetta and NEOWISE missions.



Watch the video here!

Real World: Close Encounters with an Asteroid

Picture this. NASA sends a spacecraft to land on an asteroid, grab a piece of that asteroid, and then send that sample back to Earth to study. See what NASA can learn about the formation of the Solar System from the close encounter of OSIRIS-REx with near-Earth asteroid Bennu.



Watch the video here!

Ask SME: Dr. Danny Glavin, Close-up with a NASA Subject Matter Expert

Ask SME videos capture a glimpse of NASA Subject Matter Experts' (SMEs') interests and career journeys. These videos spark student interest and broaden their ideas of the STEM workforce. Learn more about what inspired Danny Glavin to study rocks from space.



Watch the video here!

Celebrate the end of summer NASA-style some sunny activities from our collaborators at [NASA Space Place!](#)

Check out these engaging NASA eClips resources that focus on our Sun and stars:

Our World: Sun's Position

Find out more about how our Sun's position in the sky changes due to

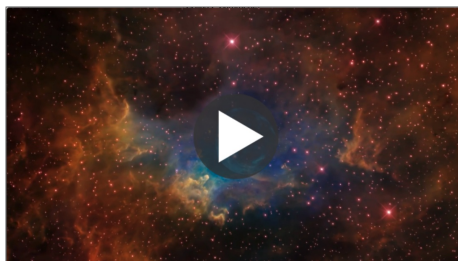
Earth's rotation, revolution, and tilt. Learn from the experts. Dr. Alex Young and Dr. Nicki Viall explain these connections so students understand patterns within the Earth-Sun relationship.



[Watch the video here!](#)

Launchpad: Life Cycle of a Star

Each of us is made from star stuff. But how are stars formed? Take a closer look at the life cycles of stars and learn where they come from, how they change, and what happens to them when their lives come to an end. Find out about your connection to the cosmos.



[Watch the video here!](#)

Guide Lites - Interactive Lesson: Solar Images

Help students create a picture of the Sun that can then be examined with colored filters to simulate how specialized instruments enable scientists to capture images and view different features of the Sun.

[View the Guide Lite here!](#)

Check out our [NASA eClips VALUE Bundles](#) -- Varied & Accessible Learning Resources for Universal Engagement. VALUE Bundles are thematic sets of learning experiences designed to allow students to explore a topic in their preferred learning style.

Our NASA eClips educators have curated NASA eClips and collaborator resources into VALUE Bundles. These Bundles provide a cohesive, engaging, and varied set of materials that meet the needs of a wide variety of learners.

VALUE Bundle

STARS

[View the Bundle here!](#)

- NASA eClips Videos
- NASA eClips Educator Guides
- NASA Spotlight Videos
- NASA Spotlight Interactive Lessons
- SME2 Videos
- Partner Resources

VALUE Bundle

SUN'S POSITION

[View the Bundle here!](#)

- NASA eClips Videos
- NASA eClips Educator Guides
- NASA Spotlight Videos
- NASA Spotlight Interactive Lessons
- NASA Ask SME Videos
- Best Practices Resources
- Partner Resources

Help your students understand the nature of science and see themselves as scientists through [Real World: The Nature of Science](#) video. NASA scientists Dr. Nicholeen Viall and Dr. Marilia Samara share the work they do in the lab, in the field, and while working from home. Your students will see that science is a way of knowing driven by questions, observations, and data.

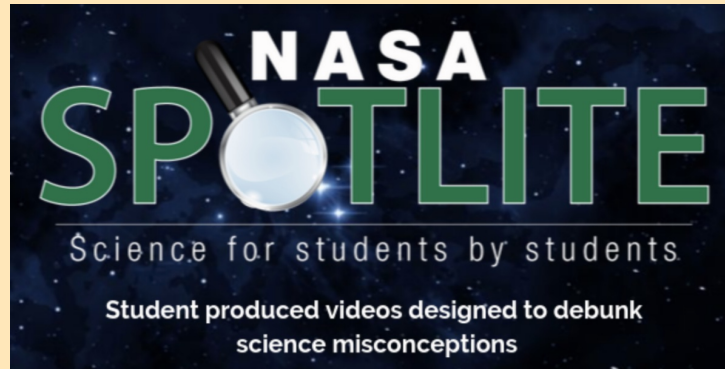


The Nature of Science (NOS) weaves together core ideas, practices, and crosscutting concepts as the foundation for reinforcing and increasing scientific literacy.

[Watch the video here!](#)

Additional Resources:

- California Academy of Sciences - [Draw a Scientist](#)
- My NASA Data - [Introduction: Building Claims from Evidence](#)
- NASA - [It's Raining Cats and Dogs...and Fish and Frogs...and Birds](#)
- PBS LearningMedia - [Creativity in Science](#)
- PBS LearningMedia - [The Scientific Process](#)
- University Corporation for Atmospheric Research - [The Nature of Science](#)
- University of California, Berkeley - [Understanding Science: How Science Really Works](#)

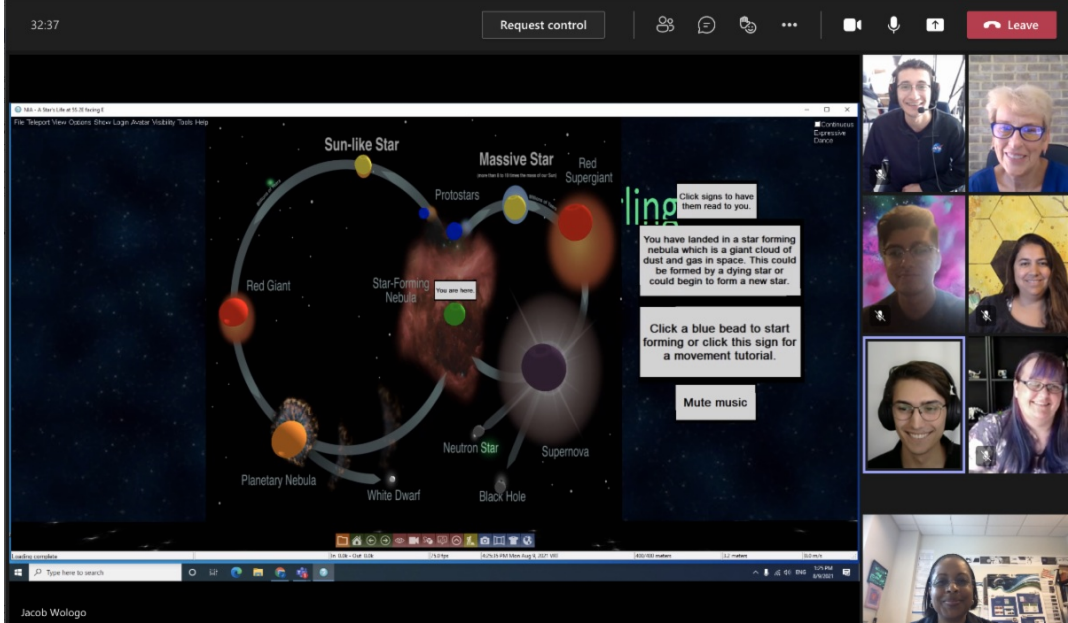


Guiding your students through the process of becoming **content creators** doesn't have to involve reinventing the wheel. NASA eClips has developed all the resources you need to have student teams create videos that confront science misconceptions with the [Spotlite Design Challenge](#). Videos and resources guide student teams through the challenge criteria, and the research, creation, and publication process.

[View the Spotlite Collection here!](#)



Celebrating Our Summer Interns!



Three Communications, Marketing, and Public Relation majors joined the NASA eClips team for the summer. The interns supported the team’s education and public outreach programs by mentoring summer camp students in creating NASA Spotlite videos, producing resources in Spanish, and designing a virtual world museum about the life cycle of stars.

The summer internship clearly benefited all. While the interns increased their knowledge of NASA science and their ability to communicate science to a variety of audiences, they shared their unique perspectives and helped the NASA eClips team broaden audience participation.



Lazaro Bosch



Julian Castaneda



Jacob Wologo



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