

NASA eClips™

Spring 2022 Newsletter

Stay Engaged with Resources!

Engaging Activities for Students and Families

The school year is almost over! Help learners *STEMify* their summer through hands-on and engaging activities curated by our NASA eClips team. You'll find something for everyone -- Earth-based and out-of-this-world!

[View the Collection](#)

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Engaging Activities

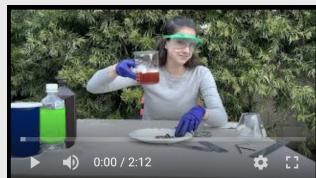
Activity	Elementary Grades	Middle School Grades	High School Grades
NEMO - NET In this game, players help NASA classify coral reefs by painting 3D and 2D images of coral. Players can also rate the classifications of other players and level up in the food chain as they explore and classify coral reefs and other marine environments and creatures from locations all over the world! http://nemonet.org/	✓	✓	✓
NASA's Eyes Experience Earth and our solar system, the universe and the seasons by exploring them with immersive apps for Mac, PC and mobile devices. https://eyes.nasa.gov/	✓	✓	✓
NASA Space Explore Mars: A Mars Rover Game Become a planetary geologist and choose a Martian rock to investigate. Send a sequence of commands to guide a Rover to pick up that rock. And then, send information back to scientists on Earth. https://spaceexplor.nasa.gov/explore-mars/	✓	✓	

Visit the NASA eClips website and explore videos, activities and lessons to increase STEM literacy through the lens of NASA

NASA Spotlights for Summer Camp

Enjoy the NASA Spotlight video submissions by talented student producers from around the world! Student teams created videos to address science misconceptions identified in our challenges, while other teams have chosen their own misconceptions. You can also learn more about the [NASA Spotlight Design Challenge](#) (NASA SDC) by visiting the NASA eClips website.

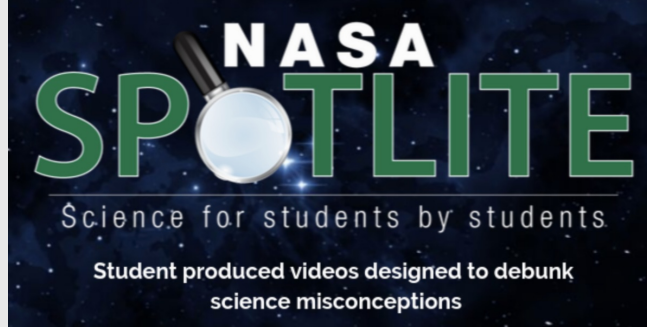
Check out some of our newest videos below!



NASA Spotlight: Why is Mars Red?



NASA Spotlight: On the Hunt for Magnetic Metals



[View the NASA Spotlight Gallery](#)

[Download the NASA SDC Cloud Detectives Flyer](#)

NEW! NASA eClips Nearpod Lessons



Interactions of Light (Grades 5-8)

In this NASA eClips Physical Science lesson, students address the common misconception that light is unaffected as it passes through transparent materials. They learn vocabulary and develop their understanding of the interaction of light with matter.

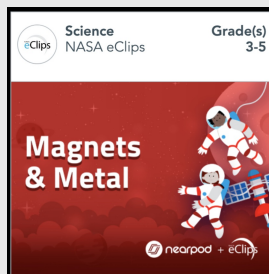
[View Lesson](#)



Moon Phases & Shadows (Grades 3-5)

In this NASA eClips Earth-Space Science lesson, students address the common misconception that Moon phases are caused when shadows are cast on the Moon by other objects. They learn vocabulary and develop their understanding of moon phases.

[View Lesson](#)



Magnets & Metal (Grades 3-5)

In this NASA eClips Physical Science lesson, students address the common misconception that all metals are attracted to magnets. They learn vocabulary and develop their understanding of why some metals are attracted to magnets.

[View Lesson](#)

Educator Opportunities

Engineering By Design Training for Virginia Educators

Where: National Institute of Aerospace, 100 Exploration Way, Hampton, Virginia 23666

When: June 28, 2022 (Grades 4-5); June 29, 2022 (Grades 2-3); June 30, 2022 (Grades PreK-1)

Come and join the NASA eClips Team for a hands-on workshop sponsored by the Virginia Department of Education. Learn how to access and use the free Engineering by Design™ curriculum and related NASA resources available to educators in Virginia!

[Register Here](#)

Planning STEM Events: New Strategies and NASA-Inspired Resources to Engage All Learners

Who: Formal and Nonformal Educators

Where: National Institute of Aerospace, 100 Exploration Way, Hampton, Virginia 23666

When: July 14, 2022

Join the NASA eClips Team and Friends for a morning filled with activities, rich discussions, and networking preparing you to design and deliver innovative community-based STEM events.

[Register Here!](#)

2022-2023 ENGAGE (Earth, NASA, GLOBE And Guided Explorations) GLOBE Mission Earth Virtual Educator Cohort

Who: Middle School and High School Educators in the U.S.

Where: Virtual

When: Dates and times are included in the registration form.

Application Deadline: June 24, 2022

Do you want to help your students improve their observation and science writing skills? Join us for professional development on resources to facilitate the development of these skills while participating in NASA's oldest citizen science project about the environment.

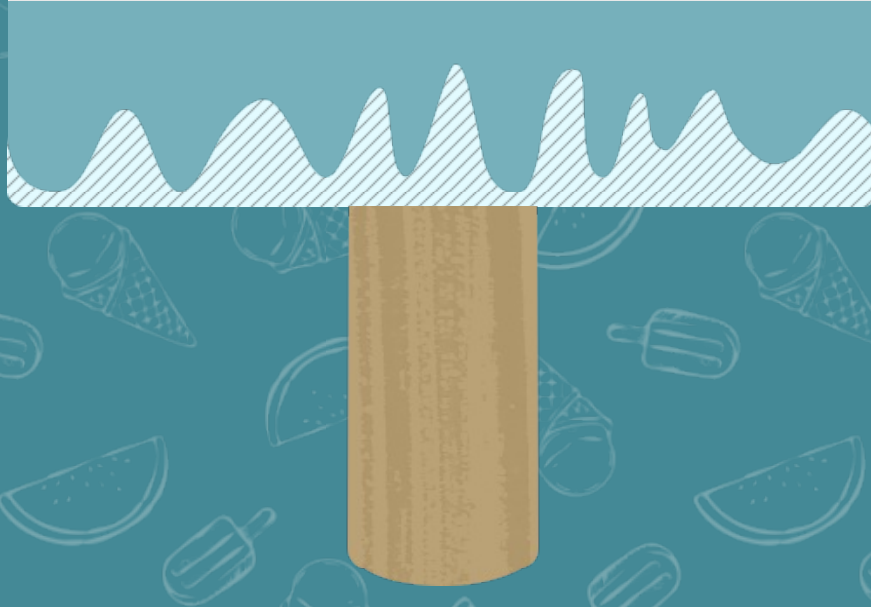
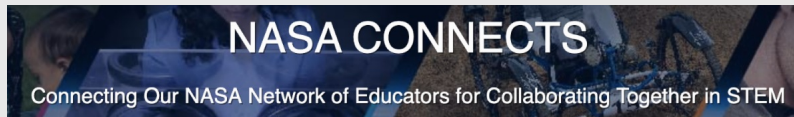
[Register Here](#)

Partner Resources

NASA CONNECTS

Looking for NASA STEM Resources? Check out the latest knowledge articles that share NASA STEM content including activities, games, videos, educator guides, teacher toolkits, and much more.

Become a member to fully access resources, organized by topics such as Earth & Climate, Humans in Space, Educator Professional Development, Elementary School, Middle School, High School, Informal Education, and many more!



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