

Winter Update from NASA eClips!



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Resources for your classroom about our solar system & universe!

Winter is a wonderful time to look at the nighttime sky! This December & January, NASA eClips features 3-5 grade resources on the moon & 6-12 grade resources on stars.

Elementary: Moon

Help your students better understand tides, the moon and its features!

NGSS Standard ESS1.B: Earth and the Solar System



Our World: The Moon

Do your students wonder about the moon? This video takes a close look at the moon's phases, gravity, and surface.



Our World: What is a Tide?

Tides are the regular rise and fall of the surface of the ocean.

What causes tides? This video shows how the sun, moon, and gravity interact to form tides!

Educator Guide: Crater Maps and Landforms

Students will compare physical features of the moon to those found on Earth using scale, models, and maps!



Secondary: Stars

Help your students learn about our universe and the life cycle of a star!

NGSS Standard ESS1.A: The Universe and Its Stars



Launchpad: Lifecycle of a Star

How are stars formed? Take a closer look at the life cycles of stars and learn where stars come from, how they change, and what happens to stars when their lives come to an end.



NASA Spotlight: Colors of Stars

Did you know stars can come in many colors? Join our NASA Spotlight Student Producers as they confront misconceptions and explain how a star's color can help determine its mass, surface temperature, and position in its lifecycle!

NASA Subject Matter Experts as Educators

In this career-focused video, Michelle Thaller,



Dr. Michelle Thaller
Deputy Director of Science Communication, NASA Headquarters

Deputy Director of Science Communication at NASA Headquarters, explains how astronomers study stars and what tools they use to make discoveries.

Need STEM resources for the 2017-2018 school year?

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