



the Space Place

September-October 2015 / Vol. 8, Issue 3

NEWS AND NOTES FOR FORMAL AND INFORMAL EDUCATORS

Space Place is a NASA website for elementary school-aged kids, their teachers, and their parents.

It's colorful!
It's dynamic!
It's fun!
It's rich with science, technology, engineering, and math content!
It's informal.
It's meaty.
It's easy to read and understand.
It's also in Spanish.
And it's free!

It has over 150 separate modules for kids, including hands-on projects, interactive games, animated cartoons, and amazing facts about space and Earth science and technology.

It's back to school time, and here at NASA Space Place, we have lots of new articles and activities to share with your students.

New!

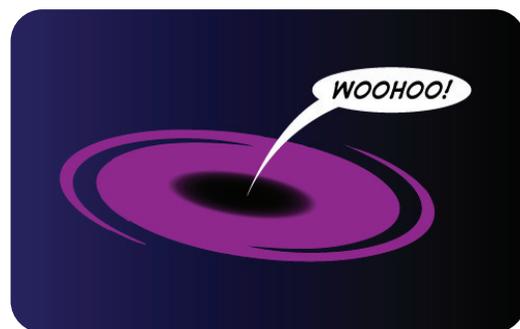
Planet Profiles

Find out more about our solar system's eight amazing planets with the new planet profiles. Find out how long a year lasts on Uranus and why the sun doesn't rise every "day" on Mercury.



Every profile features planet merit badges that showcase each planet's unique characteristics, as well as beautiful photos.

<http://spaceplace.nasa.gov/planets>



New!

What is the Big Bang?

This article discusses one of the biggest questions in science: how did our universe begin?

<http://spaceplace.nasa.gov/big-bang>

New!

Space Place Glossary

There are a lot of new vocabulary words to learn when you read about space and Earth science. Our new glossary has over 65 terms with easy to understand definitions.

<http://spaceplace.nasa.gov/glossary>



Printable Content

You can decorate your classroom with the official **Space Place calendar** for the **2015-2016** school year.

It has beautiful images, NASA facts and trivia, and links to relevant content. Download individual months or the entire set today.

<http://spaceplace.nasa.gov/calendar>



Crafts, Crafts, Crafts!

Learn more about space, the sun, Earth, and comets with these fun activities.



Pinwheel Galaxy Pinwheel

A galaxy in the palm of your hand!

<http://spaceplace.nasa.gov/pinwheel-galaxy>

Sun Paper

Marbled paper that looks just like our sun.

<http://spaceplace.nasa.gov/sun-paper>

Earth Fan

A fan with all of Earth's interesting layers.

<http://spaceplace.nasa.gov/earth-fan>

Comet on a Stick

Your very own comet to fly around the room!

<http://spaceplace.nasa.gov/comet-stick>

Special Days

Noteworthy days in NASA and space history you can observe in your classroom.

September 1 — The first time a solar flare was observed and recorded, 1859.

What is a solar flare, anyway?

<http://spaceplace.nasa.gov/solar-cycles>

September 18 — Voyager I took the first photo of Earth and the moon together, 1977.

Do you know how far apart the moon and Earth are? It's farther than you might think!

<http://spaceplace.nasa.gov/moon-distance>

September 23 — Johann Galle discovered Neptune in 1846.

Find out more about our solar system's coldest planet, where one year takes 164 Earth years.

<http://spaceplace.nasa.gov/all-about-neptune>

October 3 — The National Oceanic and Atmospheric Administration founded in 1970.

Go on a wild weather adventure to celebrate!

<http://spaceplace.nasa.gov/wild-weather-adventure>

October 16 — The first geostationary operational environmental satellite (GOES) launched in 1975.

How do you build a weather satellite?

<http://spaceplace.nasa.gov/story-weather-satellite>

October 26 — People see first glimpse of the far side of the Moon in 1959.

Why does the moon have so many craters?

<http://spaceplace.nasa.gov/craters>

