



Discover how the universe works. Explore how the universe began. Search for Earth-like planets. NASA's Astrophysics Division wants to do all these things. A recent discovery is this planet (the small black sphere in this artwork) with two suns. Read a story about Lucy's hunt for exoplanets at spaceplace.nasa.gov/story-lucy.



JUNE 2012

spaceplace.nasa.gov

Sunday

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

3
Big Dipper, Bootes, Virgo and Leo are four northern hemisphere constellations this month. Make a "Star Finder" to help you find them.

4
Cheese Day. Don't let the cheese stand alone. Use it in "Asteroid Potatoes."

5
World Environment Day. Help the environment by playing "Greenhouse Gas Attack."

6
The first roller coaster opened, 1884. How does a roller coaster keep going with no engine? Build a "Newtonian Physics Machine" and find out.

7

1
National Simple Speak Day. Tired of hearing grown-ups use big words and fuzzy sentences? Get back with "Cloudspeak."

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FULL MOON

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Birthday in 1625 of Italian astronomer **Gian Domenico Cassini.** Play the "Cassini Commander" mini-game as part of the "Solar System Explorer" super-game!

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LAST QUARTER

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Pioneer 10, in 1983, was the first human-made object to travel past Pluto's orbit. Now another is about to leave the solar system!

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15
Fly a Kite Day. While you're watching your kite fly, think about why the sky is blue.

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17
Father's Day. Compete with Dad playing "Satellite Insight." See who can survive the longest.

18
Sally Ride became first U.S. woman in space, 1983. There are other careers women can have with NASA. Check out Space Place Live!

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NEW MOON

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FIRST QUARTER

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A huge asteroid exploded over Siberia this day in 1908. Read about another asteroid close encounter, this one on purpose!

- Month of June: spaceplace.nasa.gov/starfinder
- June 1: spaceplace.nasa.gov/cloud-scramble
- June 4: spaceplace.nasa.gov/asteroid-potatoes
- June 5: spaceplace.nasa.gov/greenhouse-gas-attack
- June 6: spaceplace.nasa.gov/momentum
- June 8: spaceplace.nasa.gov/solar-system-explorer

- June 13: spaceplace.nasa.gov/voyager-to-stars
- June 15: spaceplace.nasa.gov/blue-sky
- June 17: spaceplace.nasa.gov/satellite-insight
- June 18: spaceplace.nasa.gov/space-place-live
- June 30: spaceplace.nasa.gov/asteroid-braille