



Asteroid Lutecia was photographed by the Rosetta spacecraft in July 2010. Rosetta is on its way to Comet 67P/Churyumov-Gerasimenko, where it will orbit and drop a lander. Play a Rosetta game at spaceplace.nasa.gov/solar-system-explorer.

JULY 2012

spaceplace.nasa.gov

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 First zoo in the U.S. opened in 1874 in Philadelphia, PA. How many zoos can you find on the map of Space Place partners?	2	3 FULL MOON	4 Mars Pathfinder rover landed on Mars in 1997. See what Dr. Marc has to say about Mars. U.S. Independence Day	5 Earth at aphelion , the time of year when we are farthest from the Sun. Find out why our days are 24 hours instead of 6 hours!	6	7
8	9 Voyager 2 flew by Jupiter and discovered three more moons in 1979. Play "JunoQuest" and help Juno unravel more of the mysteries of Jupiter.	10	11 LAST QUARTER United Nations World Population Day. How can one little space mission show so much about humans' effect on the Earth?	12	13 Galileo spacecraft dropped a probe into Jupiter's atmosphere, 1995. How else can we learn about Jupiter and other planets?	14
15	16	17	18	19 NEW MOON	20 Moon Day. Neil Armstrong was the first human to walk on the Moon this day in 1969. What did the astronauts learn?	21
22	23	24 Amelia Earhart born, 1897. Read about the airplane that has flown higher than any other—on Sun power no less!	25	26 FIRST QUARTER All or Nothing Day. This is how computers work. They understand only ON or OFF. So how do we get them to do so much?	27	28
29 NASA was established in 1958. The Space Place is one example of NASA's commitment to education.	30	31 Apollo 15's rover was the first vehicle driven on the Moon, 1971. See a picture of the lunar rover at The Space Place gallery.				Anti-boredom Month. Fight boredom by playing games at The Space Place.

Month of July: spaceplace.nasa.gov/menu/play
 July 1: spaceplace.nasa.gov/community-partners
 July 4: spaceplace.nasa.gov/dr-marc-solar-system
 July 5: spaceplace.nasa.gov/dr-marc-earth
 July 9: spaceplace.nasa.gov/junoquest
 July 11: spaceplace.nasa.gov/misr-xword

July 13: spaceplace.nasa.gov/dr-marc-solar-system
 July 20: spaceplace.nasa.gov/dr-marc-earth
 July 24: spaceplace.nasa.gov/helios
 July 26: spaceplace.nasa.gov/binary-code2
 July 29: spaceplace.nasa.gov
 July 31: spaceplace.nasa.gov/gallery-earth/#moon