



In this artwork, the New Horizons spacecraft visits dwarf planet Pluto. New Horizons was launched in 2006. Even though it is the fastest spacecraft ever built, it will not arrive at Pluto until 2015! Learn about Pluto, the strange “King of the Ice Dwarfs,” at spaceplace.nasa.gov/en/kids/pluto.

NOVEMBER 2007

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
International Creative Child and Adult Month! Get creative together over a stunning galactic mobile.				LAST QUARTER 1  Thomas Edison receives patent for electric light bulb, 1879. What kind of invisible light does a light bulb make?	2 FIRST QUARTER	3 
4 Daylight Savings Time ends. How did clocks, hours, minutes, and time-keeping in general ever get started?	5 Gunpowder Day. How much “virtual gunpowder” would it take to shoot a cannonball into orbit?	6	7	8 X-ray Day. X-rays discovered in 1895. See how the universe looks in X-rays compared with other kinds of light.	9 NEW MOON 	10 Sadie Hawkins Day —a day of empowerment for women and girls. If you are a Girl Scout, The Space Place can help!
11	12	13 First human-made snowstorm, 1946. Find out other fascinating weather facts while playing Wild Weather Adventure.	14	15	16	17
18	19	20 Edwin Hubble's birthday in 1889. The Hubble Space Telescope was named for this great astronomer.	21 Launch of Earth Observing 1 spacecraft, 2000. Find out about the spacecraft that can tell a pine tree from a maple tree.	22 Thanksgiving Day. Do you think the pilgrims on the Mayflower could have navigated by the stars?	23	24 FULL MOON 
25 Blasé Day. If you are feeling bored, pick a game, any game, to play on The Space Place. You'll forget about being blasé!	26	27 Anders Celsius born, 1701. He invented a scale for measuring temperature. Play “Beat the Heat!” and find out how heat energy gets around.	28	29	30	

Month of November: spaceplace.nasa.gov/en/kids/galex_make1.shtml
 Nov. 1: spaceplace.nasa.gov/en/kids/sirtf1/sirtf_action2.shtml
 Nov. 4: spaceplace.nasa.gov/en/educators/NMP_timekeeping.pdf
 Nov. 5: spaceplace.nasa.gov/en/kids/orbits1.shtml
 Nov. 8: spaceplace.nasa.gov/en/kids/chandra.shtml
 Nov. 10: spaceplace.nasa.gov/en/kids/girlscouts

Nov. 13: spaceplace.nasa.gov/en/kids/goes/wwa
 Nov. 20: spaceplace.nasa.gov/en/kids/wfpc_fact1.shtml
 Nov. 21: spaceplace.nasa.gov/en/kids/eo1_1.shtml
 Nov. 22: spaceplace.nasa.gov/en/kids/st6starfinder/st6starfinder.shtml
 Nov. 25: spaceplace.nasa.gov/en/kids/games.shtml
 Nov. 27: spaceplace.nasa.gov/en/kids/st8/thermal_loop