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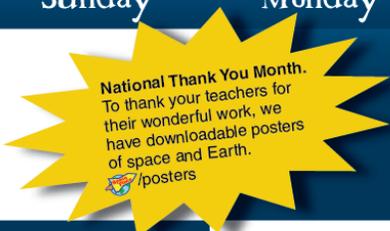


When the sun lets out bursts of charged particles, some of them flow right down into Earth's atmosphere near the Poles. When these charged particles hit Earth's atmosphere, they cause the gases in the air to glow in beautiful shades of green and red. Play "Shields Up" and protect Earth satellites from space weather like this!
 /shields-up

JANUARY 2016

spaceplace.nasa.gov

Sunday Monday Tuesday Wednesday Thursday Friday Saturday

 <p>National Thank You Month. To thank your teachers for their wonderful work, we have downloadable posters of space and Earth.  /posters</p>		<p><i>On this calendar</i>  / means spaceplace.nasa.gov/</p>			<p>1  LAST QUARTER Galileo saw Saturn's rings through a telescope in 1610. Could a spaceship land on Saturn's rings?  /dr-marc-solar-system New Years Day</p>	<p>2  Earth at perihelion. the time of year when it is closest to the sun. Just how close is Earth to the sun right now?  /seasons</p>
3	4	5	6	7  Galileo first spots what become known as Jupiter's Galilean moons. How do these moons interact with each other and their massive parent?  /io-tides	8  Physicist Stephen J. Hawking born 1942. He writes about black holes. How does it "sound" when a big star is swallowed by a black hole?  /ligo-g-waves	9  NEW MOON
10	11  Amelia Earhart is the first woman to fly solo across the Pacific in 1935. How did her airplane stay up?  /dr-marc-technology	12	13	14	15	16  FIRST QUARTER
17  Ben Franklin's birthday, 1706. Ben played the violin. Maybe he played one made during the "little ice age."  /violins	18	19  Martin Luther King, Jr. Day	20  Penguin Awareness Day. Emperor penguins migrate each year to breed. What other animals migrate?  /migration	21	22	23  FULL MOON
24	25  Mars rover Opportunity landed on Mars in 2004. Get the inside story on the latest Mars rover, Curiosity.  /mission-chronicles/ #milkovich	26	27	28	29  National Puzzle Day. Unscramble beautiful "Earth-as-Art" puzzles.  /spuzzled	30
31  FIRST QUARTER						