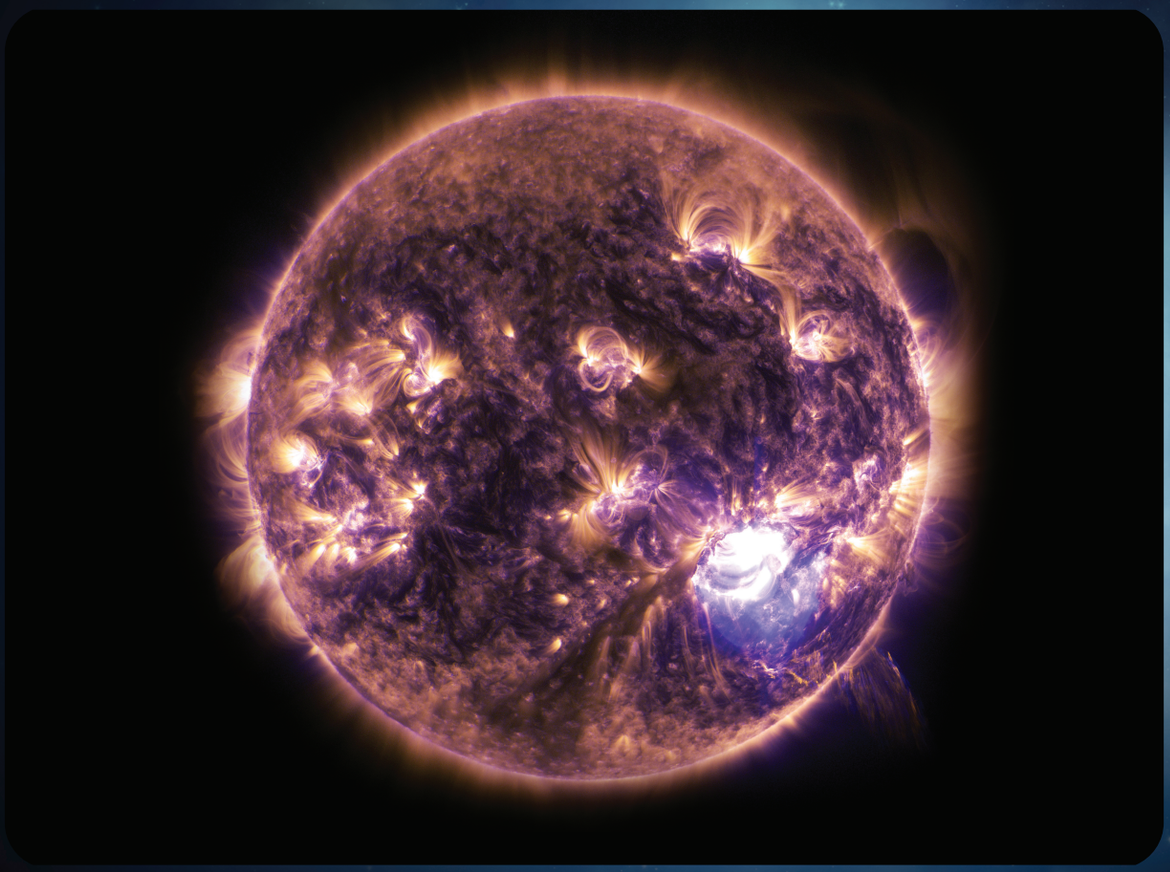

Image Credit: NASA/SDO

The sun emits a solar flare in a picture captured by NASA's Solar Dynamics Observatory on December 19, 2014. Solar flares are powerful bursts of energy. At its heart, the sun is a huge nuclear bomb. Find out more about the sun's activity and what it's made of.
/solar-cycles

SEPTEMBER 2015

spaceplace.nasa.gov

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	National School Success Month. The Space Place has free resources to help students be successful. /menu/parents-and-educators	1	2	3	4	5 LAST QUARTER **National Cheese Pizza Day.** Find out how GPS can help you in the quest for pizza! /gps-pizza
6	7 **Labor Day.** Get busy! It isn't "Goof-off Day"! There's lots to do on The Space Place. /menu/do	8	9	10 **Swap Ideas Day.** Read some of Dr. Marc's amazing facts and swap some ideas with a friend. /menu/dr-marc	11	12 NEW MOON
13 **Positive Thinking Day.** Make your positive ions outnumber your negative ions when you do the "Ions in Action" experiment. /ion-balloons	14 **Luna 2** crashed on the moon, 1959. Do you know what part the moon plays in a solar eclipse? /venus-transit	15	16 **Collect Rocks Day.** Asteroids are big rocks in space. But how are they different from comets? /posters/#solarsystem	17	18 **Voyager I** took the first full-frame photo of Earth and the moon together in 1977. Check out other photos of the solar system at NASA Space Place. /gallery-solar-system	19
20	21 FIRST QUARTER	22 **Autumnal Equinox** (first day of fall). Learn what causes the seasons. /seasons	23	24	25	26
27 FULL MOON **Crush a Can Day.** Crush a can without touching it in this experiment to test new spacecraft materials. /soda-can-test	28	29	30			*On this calendar / means spaceplace.nasa.gov/*

NASA Space Place is the official children's website of NASA's Science Mission Directorate. It can also be found at science.nasa.gov/kids.