



OCTOBER 2022



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	NASA and SpaceX plan to launch the Crew-5 mission to the International Space Station with a multinational crew of male and female astronauts.				Happy birthday to NASA, which officially opened for business on this day in 1958.	1
2 1ST QUARTER MOON	3 	4 Watch "That'll Teach You" on YouTube.com/SpaceRacers in honor of World Teacher's Day, and thank your teacher today!	5	The first flight to exceed the speed of sound took off 75 years ago with Pilot Chuck Yeager in a Bell X-1 airplane		8
9 FULL MOON	10	11 	12 In 1984, NASA astronaut Kathryn Sullivan was the first American woman to walk in space.	13	14 	15
16 Free homeschool lesson plans and activities at SpaceRacers.com/Grownups	17 3RD QUARTER MOON	18 	The first all-female spacewalk was conducted in 2019 by NASA astronauts Jessica Meir and Christina Koch		21 	22
23 Get ready for Halloween tomorrow by watching "The Haunted Asteroid" tonight on YouTube.com/SpaceRacers	24	25 NEW MOON	26 Orionids Meteor Shower, the second meteor shower this month, peaks tonight! It is created from dust left by Halley's Comet.			29
30 	31 Partial Solar Eclipse visible in most of Europe, northern Africa, the Middle East, and western parts of Asia.					

Draconids Meteor Shower, one of two this month, peaks tonight and should be visible if conditions are clear.

NASA's Cassini spacecraft launched on this day in 1997 on its mission to explore Saturn

NASA astronaut John Glenn became the oldest person ever to fly in space when he boarded Space Shuttle Discovery at age 77 in 1998

Watch Space Racers on [YouTube.com/SpaceRacers](https://www.youtube.com/SpaceRacers) and [Amazon Prime](https://www.amazon.com/SpaceRacers)