here are some of the stories trending this week at NASA with a roar from its Merlin engines SpaceX's dragon cargo ship blasted off from Space Launch Complex 40 at Florida's Cape Canaveral Air Force Station on Friday to rendezvous with the International Space Station the young crew cargo vessel is carrying almost 5,000 pounds scientific experiments and supplies for the expedition 39 crew and should arrive at the orbiting laboratory Easter Sunday also at the gate an important milestone in the history of
Florida's Kennedy Space Center pad 39a

20-year property lease agreement between NASA and SpaceX was inked SpaceX will use and operate the same historic launch site where Apollo and space shuttle flights lifted off SpaceX will act as a tenant and aid NASA and other organizations and sending satellites ISS bound cargo and eventually American astronauts to the International Space Station NASA's Kepler space telescope has discovered a new earth sized planet orbiting what could be the habitable zone of a distant star which means
liquid water might exist on its surface

the planet Kepler 186f is 10 percent larger than Earth and orbits its parent star every 130 days the star is about 500 light-years from Earth and is half the size and mass of our own Sun, Ladee which stands for the lunar atmosphere and dust environment Explorer has successfully completed its mission to gather detailed information about the structure and composition of the thin lunar atmosphere launched on September 6th, the robotic satellite was designed to last 160 days however it continued to
provide lunar data for more than 220

days LADDEE ended its mission with a planned deorbit into the moon's surface

associate administrator Robert Lightfoot toured the newly renamed Armstrong Flight Research Center at Edwards Air Force Base in California visiting with media he saw the adaptive compliant trailing edge project or a CTE up-close-and-personal the experimental flight research project will help determine if advanced flexible trailing edge wing such as these can improve aircraft aerodynamic efficiency and reduce
airport area noise generated during takeoffs and landings in the early morning hours of April 15th United States was in prime orbital position to experience a full lunar eclipse a phenomenon that occurs when the Earth and Sun are in perfect alignment blanketing the moon with the Earth's red colored shadow if you miss this celestial event you'll have to wait into the year 2019 to see the next fold in our Eclipse from the US and at the US Space and Rocket Center in Huntsville Alabama student racers from Navotas
Academy of Arts careers and Technology

two top honors in the high school division of the 2014 NASA rover challenge not to be outdone Porto Rico steam claim first prize in the college division over 500 engineering students took part in the event organized by Marshall Space Flight Center in which the challenge is to design build and race a human powered Rover up and over space inspired obstacles the experience is designed to provide young engineers new problem solving skills needed for future NASA missions to the moon
near-earth asteroids and eventually Mars

and that's what's up this week @nasa for

more on these and other stories follow

us on social media and visit nasa.gov

slash Twan