here's some of the stories trending this week at NASA

NASA's newest astronaut class was in Washington DC recently discussing the future of human exploration and STEM education at the annual White House state of science technology engineering and math address hosted by presidential science advisor John Holdren the astronaut candidates shared advice and insight with some students at the event later with NASA's head of education and former astronaut Leland Melvin they interacted with more students at a
Smithsonian National Air and Space Museum event that included a live conversation with the International Space Station crew the astronaut trainees who also visited Goddard and Maryland and Langley in Virginia could play key roles in NASA's vision to send astronauts beyond the moon to an asteroid redirect mission and on to Mars outside the International Space Station Russian cosmonauts Oleg Kotov and Sergey ryazanskiy successfully completed a spacewalk to reinstall and activate a pair of cameras designed to downlink
earth views for a commercial venture

between a Canadian firm and the Russian Federal Space Agency the spacewalk followed up the unsuccessful initial attempt to fully install the cameras on December 27 the first round of tests are underway at Marshall Space Flight Center on a scale model of the Space Launch System to study how low and high frequency sound waves affect the rocket while it’s on the launch pad sound from rocket engines and boosters can impact a rocket and its crew especially at liftoff the testing will help verify the
Rockets design and be used to develop an effective system to suppress the sound NASA's lunar atmosphere and dust environment Explorer or ladee mission has been extended to April 21st the extension gives the satellite which has been orbiting the moon since tober six time to gather additional low altitude data on the chemical composition of the moon's atmosphere to help researchers better understand other planetary bodies in the solar system officials and researchers previewed the upcoming global precipitation measurement core Observatory mission and
it's science
during briefings at Goddard Space Flight Center a joint effort between NASA and the Japan aerospace exploration agency
GPM is scheduled to launch from Japan
February 27th the missions
next-generation measurements of rain and snowfall from space will usher in a new era of global weather observing and climate science January 31st was NASA's Day of Remembrance honoring the fallen heroes of Apollo 1 Challenger and Columbia and all members of the NASA family who lost their lives furthering
the cause of exploration and discovery

Administrator Charlie Bolden took part in a wreath-laying at Arlington National Cemetery joining others at NASA centers around the country and commemorating the annual observance and that's what's up

this week @nasa

for more on these and other stories

follow us on social media and visit www.nasa.gov/twan