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LIVE noon EDT: Astronauts Christina Koch and Jessica Meir Take Media Questions on Friday's All-Woman Spacewalk



Astronauts Christina Koch. lessica Meir To Discuss First All-Woman Spacewalk Today

Astronauts Christina Koch (on the right in this photograph) and Jessica Meir (left), who completed the first all-woman spacewalk on Friday, Oct. 18, will participate in a press conference from orbit at noon EDT on Monday, Oct. 21, which will be streamed on NASA TV. During the 7-hour, 17-minute spacewalk, the pair replaced a failed power controller and completed several other tasks in preparation for future spacewalks.

Video: First All-Woman Spacewalk In-Space News Conference to Review First All-Woman Spacewalk First All-Woman Spacewalk: The Basics Biography: Astronaut Christina Koch Biography: Astronaut Jessica Meir Video: President Trump Congratulates Koch and Meir



NASA to Provide Coverage of Key Events at 70th International Astronautical Congress



Mon., Oct. 21, Noon EDT: In-Space Press Conference to Review All-Woman Spacewalk Mon. Oct. 21, 1:15 p.m. EDT: Administrator Bridenstine Remarks at International Astronautical Congress Mon.-Fri., Oct. 21-25: NASA Events at the International Astronautical Congress Wed. Oct. 23, 6:30 p.m. EDT: Space and STEM -- How Do You Fit In? Sat., Nov. 2, 9:59 a.m. EDT: Launch of Northrop Grumman Cargo Mission to Space Station

NASA TV Schedule

Launches and Landings

Sep 08, 2019 Earth

2019 Ozone Hole is the Smallest on Record Since Its Discovery









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LIVE noon EDT: Astrona

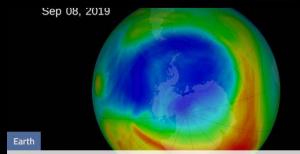
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NV	Astronauts Christina Koch,	For Stu	dents
	Jessica Meir To Discuss First All-Woman Spacewalk Today		Mon., Oct. 21, Noon EDT: In-Space Press Conference to Review All-Woman Spacewalk Mon. Oct. 21, 1:15 p.m. EDT: Administrator Bridenstine Remarks at International Astronautical

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NASA to Provide Coverage of Key Events at 70th International Astronautical Congress



Congress

Do You Fit In?

NASA TV Schedule

Mon.-Fri., Oct. 21-25: NASA Events at the

Sat., Nov. 2, 9:59 a.m. EDT: Launch of Northrop

Grumman Cargo Mission to Space Station

Wed. Oct. 23, 6:30 p.m. EDT: Space and STEM -- How

International Astronautical Congress

Launches and Landings

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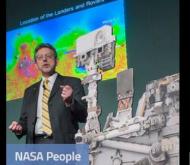
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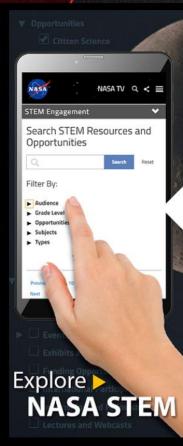
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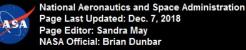
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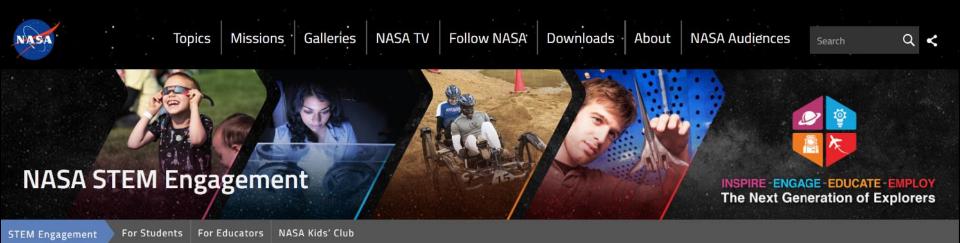
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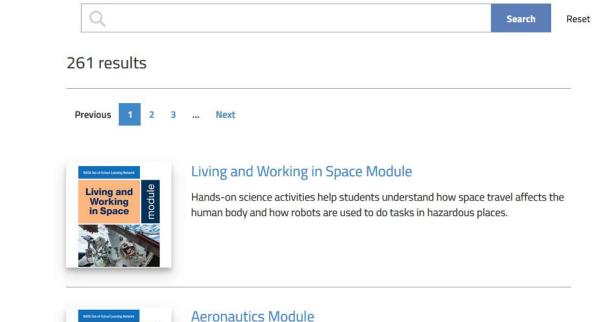
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A resource designed to provide real-time coverage of Agency activities and missions as well as providing resource video to the news media, and educational programming to teachers, students and the general public.



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http://www.nasa.gov/multimedia/ nasatv/index.html





Via Satellite AMC 6 Transponde17 9C @ 72 ° West Longitude Vertical Polarization Frequency of 4040 MHz Forward Error Correction Data rate 36.860 MHz Symbol 26.665 Ms3/4 Digital Video Broadcast (DVB)

Engineering Design Challenges

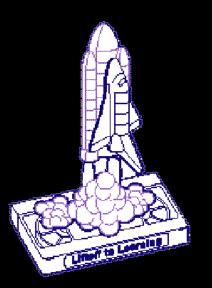


- Present Engineering Challenges for Grades 6-9.
- Connect students with the work of NASA engineers as they solve problems.
- Focus on a engineering problem and the process used to solve it.
- Connect National Science, Math, and Technology Standards.
- Encourage careers in the Aerospace Industry.
- NASA Student Involvement Program

Challenges

- Plant Growth Chamber
 - <u>https://www.nasa.gov/audience/foreducato</u>
 <u>rs/topnav/materials/listbytype/Lunar_Plant</u>
 <u>Growth_Chamber.html</u>
- Spacecraft Structures
 - <u>http://www.nasa.gov/audience/foreducator</u>
 <u>s/topnav/materials/listbytype/EDC_Spacecr</u>
 <u>aft_Structures.html</u>
- Thermal Protection Systems
 - <u>http://www.nasa.gov/audience/foreducator</u> s/topnav/materials/listbytype/EDC_TPS.htm

Liftoff To Learning Video Tapes and Resource Guides

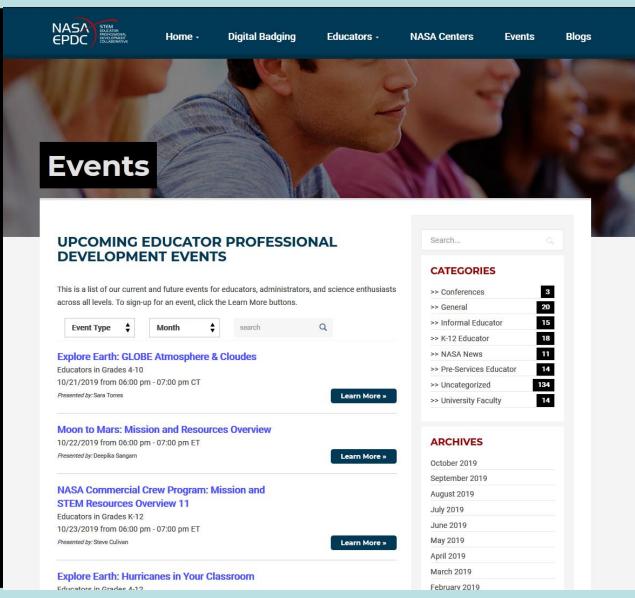


All Systems Go! Assignment Spacelab! The Atmosphere Below From Undersea To Outer Space Geography From Space Go For EVA! Let's Talk Robotics Living In Space Mathematics of Space Microgravity Newton In Space Plants In Space Space Basics **Tethered Satellites 1 & 2** Toys In Space II Voyage Of Endeavour Then And Now

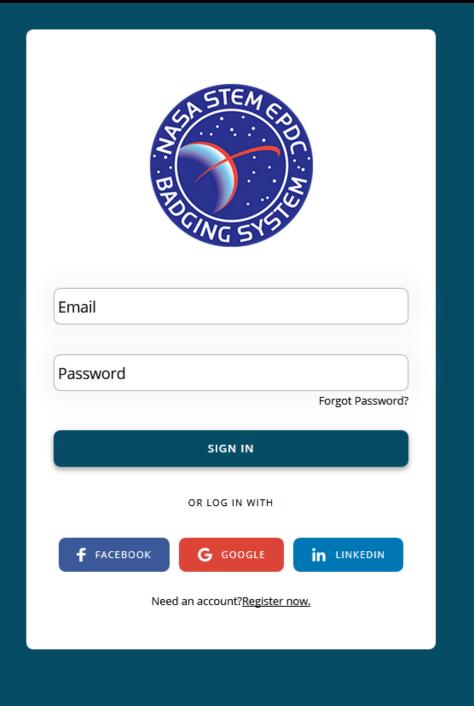


http://teacherlink.ed.usu.edu/tlnasa/videos/NASALiftoffToLearning/index.html

Educator Professional Development Webinars

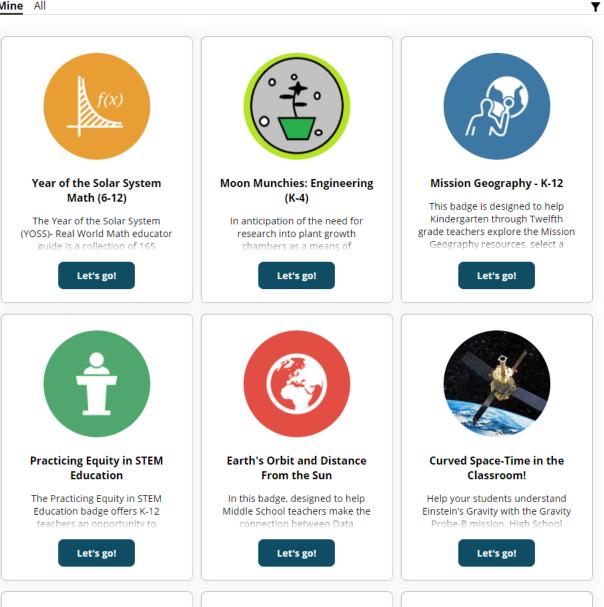


https://www.txstate-epdc.net/events/



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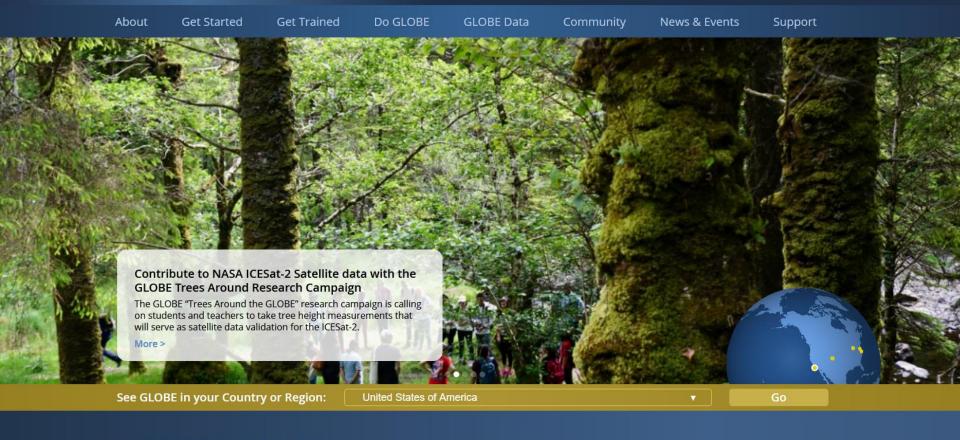
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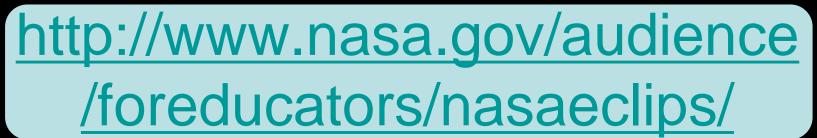
Grades K-5

The Our World program supplements existing elementary learning objectives not only in science, technology, engineering and mathematics, but also in reading, writing, and visual and performing arts.

Grades 6-8

Real World video segments connect classroom mathematics to 21st century careers and innovations and are designed for students to develop an appreciation for mathematics through real-world problem-solving.

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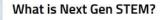
Explore Moon to Mars

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NASA'S Office of STEM Engagement executed a series of efforts to develop STEM products and opportunities that provide a platform for students to contribute to NASA's endeavors in exploration and discovery. These mission-driven activities include over 20 evidence-based products and opportunities to engage students in authentic STEM experiences. NASA is working to provide mission driven opportunities that enhance STEM literacy and help build a vibrant and diverse next generation STEM workforce.





Small Steps to Giant Leaps



Forward to the Moon





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Next Gen STEM has activities focused on NASA's Exploration Campaign for Moon to Mars. With a focus on NASA's integrated transportation systems and platforms, namely the Orion capsule, the Space Launch System (SLS Rocket) and the Gateway Lunar Outpost, here you will find STEM resources such as engineering design challenges, supporting curriculum modules, digital badges and webinars for the middle and high school grade levels nationwide.



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