



## **Space STEM Forum**

#### Forward to the Moon Initiative

Beverly Girten, Ph.D. December, 2018

## Forward to the Moon, Not Just Returning to the Moon

How is moon exploration today different from what the U.S. did 50 years ago?

When discussing U.S. return to the moon the Jim Bridenstine, NASA Administrator has emphasized:

We don't use the word return — we are moving forward to the moon — sustainably
September 27, 2018

Bridenstine would like every man, women and child in America to understand the difference.

THE NEXT GIANT LEAP





## Moving Forward to the Moon Initiative



#### Celebrating Apollo and Moving Forward to the Moon and on to Mars

#### **Learning Module Components**

K-6: Moving Forward to the Moon activity pad and NPS Nightsky Insert

7-9: Lesson plans/activities for class, museums, youth organizations

9-12, Teachers, Parents: Toolkit folder with age specific games & resources

#### **Topics Covered in Learning Modules**

**Apollo Historic** 

**Apollo 8 Earthrise** 

**Apollo 11 1st manned landing** 

Eagle, LEM, Tranquility Base

Moon2Mars (M2M)

**SLS and Orion** 

**Lunar Gateway** 

**Sustainability and M2M** 





### Moving Forward to the Moon initiative



Celebrating Apollo and Moving Forward to the Moon and on to Mars with NASA Potential uses of *Moving Forward to the Moon* material:

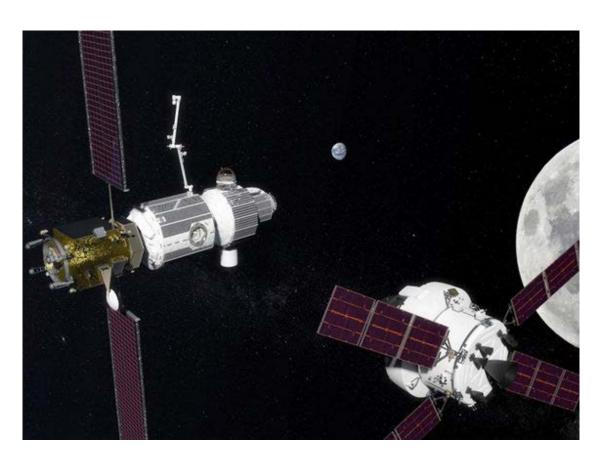
- Use with learning modules in schools and at Anniversary events (Jamboree)
- Send your name to the Moon with NASA (boarding pass, microchip)



# EXPLORE MOON to MARS



#### THE NEXT GIANT LEAP



Forward to the Moon, sustainably, and on to Mars



Gateway: Lunar Orbiting Platform-Gateway The lunar Gateway will act as a shortcut to Mars