

STEAM Saturday Workshops at American Space Museum

308 Pine Street, Titusville, FL 32796
321-264-0434

Workshops are from **1:30 pm to 4:30 pm.**

TRANSFORM & DESIGN!

Students will explore the various ways that Science, Technology, Engineering, Art (Yes, Art!), and Mathematics are used in space exploration.

SCIENCE: August 10, 2019

The Science of the Spin-Off! People have used NASA technology to make common household products better. These products are called spin-offs, and many have transformed everyday tasks. Learn about the science behind spin-offs and work to design your own!



TECHNOLOGY: September 10, 2019

Imagine Living on the Moon Today! Apollo 11 changed history and our use of technology. Just imagine the technology available to engineers fifty years after our first moon landing. Learn about the development of technologies used to explore space, and transform and design a moon habitat!

ENGINEERING: October 12, 2019

"Houston, we've had a problem." An accident on board Apollo 13 stranded the crew 200,000 miles from earth. Engineers on the ground had 90 hours to figure out how the astronauts could solve the problem with "junk they had laying around" and return home. Put your engineering, problem-solving skills to work to transform "junk that's laying around" into (hypothetical) life-saving objects.



ART: November 9, 2019

Transform and Design the Moon What "junk that's laying around" can you use transform into an artistic masterpiece? Come and find out!

MATH: December 14, 2019

The Trajectory of Coming Home

After living in the moon habitat you designed, it's time to go home. How? Learn about the math involved in return flight from the moon to earth.



Workshops are for students in **grades 3 through 5**
and are linked to the Florida Standards for 5th grade science.

Workshops are **\$25 per student** and run from 1:30 pm to 4:30 pm.

Each workshop is limited to 16 students.
To reserve a spot, **call us at 321-264-0434** or
email us at info@americanspacemuseum.org.

**American
Space
Museum &**
Space Walk of Fame