

Learn from
astronauts
and other
experts!

3 Days to
Explore &
Discover!



Science
Technology
Engineering
Art
Math

For Grades
6-8

Go For Launch!

May 6th, 13th,
14th, 2017

Don't
miss it!

Go For Launch!

WHAT IS IT?

A 3-day program, running 9am-5pm each day, that uses Space Exploration as a platform to launch student involvement in:

- STEAM (Science, Technology, Engineering, Art & Math)
- Teamwork
- Communication
- Leadership

WHAT CAN I EXPECT?

Learn about human spaceflight directly from experts in the fields of space & STEM including:

- An Astronaut and Astronaut Instructor
- International Space Station Flight Controller
- Scientists and Engineers

Get personalized insight and feedback from experienced space and STEM professionals whose goals are to illustrate the numerous possibilities that exist in the world of STEM.

Work with a real live astronaut for two or three full days.

ARE THERE HANDS ON ACTIVITIES?

Student teams will work together on **collaborative activities** before or after nearly every talk to earn daily awards. Each team will work together over the three days to define and design their own **space experiment** & present their ideas to a panel of judges from the Space & STEM fields. The judges will choose a winner from each *Go For Launch!* event. The experiment will go on to compete against other projects from the same division and the winning experiment **will be launched into space!**

WHY SHOULD I ATTEND?

Go For Launch! is a unique and memorable experience. Space inspires! The *Go For Launch!* experience gives students experience and skills that can lead to success in any venture that requires imagination, leadership, teamwork, and problem solving skills.

HOW CAN I LEARN MORE?

Higher Orbits is looking forward to bringing *Go For Launch!* to Northern Virginia! For further details, visit www.GoForLaunch.Space, email GoForLaunch@HigherOrbits.org or call 707.893.STAR.

Meet the Team



Michelle Lucas worked at NASA in International Space Station (ISS) Flight Control Operations Planning and as an Astronaut Instructor. She was part of the Core NASA Extreme Environmental Missions Operations (NEEMO) team for nine missions. She formed Higher Orbits to work to inspire students about the wonders of STEM through spaceflight.



Frank Culbertson is an engineer, fighter pilot, astronaut (retired) and executive in the aerospace industry. Culbertson flew as the pilot on STS-39 and Commander of STS-51. He served as the Program Manager for the Shuttle Mir Program. In 2001, Culbertson was the Commander of ISS Expedition 3. Today he works as the President of Orbital ATK's Space Systems Group.



Sandra Magnus is the Executive Director of the American Institute of Aeronautics and Astronautics (AIAA), the world's largest aerospace professional society. Dr. Magnus flew on the STS-112 shuttle mission, and on STS-135. She also flew to the International Space Station on STS-126 in November 2008, and returned home on STS-119 after four and a half months on board.



“The best way to inspire K-12 students in fields of science, technology, engineering, and mathematics, is to captivate their imaginations and ignite their passion for STEM. I’m glad AIAA can co-sponsor the “Go for Launch” Program, as it is a wonderful way to immerse students in STEM and launch them toward a STEM career.” –Jim Albaugh, AIAA Past President



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and Register
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or email [GoForLaunch@
higherorbits.org](mailto:GoForLaunch@higherorbits.org)

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