

**Learn from  
astronauts  
and other  
experts!**

**3 Days to  
Explore &  
Discover!**



**Science  
Technology  
Engineering  
Art  
Math**

**For Grades  
8-12 from  
any school**

**Go For  
Launch!**

**October 20-  
22, 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 Fort Collins! For further details, visit [www.GoForLaunch.Space](http://www.GoForLaunch.Space), email [GoForLaunch@HigherOrbits.org](mailto: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. Michelle was part of the Core NASA Extreme Environmental Missions Operations (NEEMO) team for nine missions. Her passion for inspiring students led to extensive work in STEM outreach. She decided to form Higher Orbits to continue to work to inspire students about the wonders of STEM through spaceflight.



Dottie Metcalf-Lindenburger, Hometown Hero of Fort Collins, is a former high school science teacher, who joined NASA in 2004 and flew to the International Space Station as a Mission Specialist on STS-131. She also commanded an underwater NEEMO mission. A member of the Space Camp Hall of Fame, and speaker on the TedX stage, she loves to speak about and promote STEAM education.

**More Team members to be announced! Check Website**



I'm excited to have Higher Orbits come to my hometown of Fort Collins. Along the Front Range, I was inspired by many excellent teachers and opportunities in STEM. With numerous fourteeners and a dramatic night sky, Coloradoan teenagers are reminded to push their limits and reach for their BIG dreams. Let's take this Higher! – Dottie



**Sponsored by:**



**Fort Collins High School  
3400 Lambkin Way,  
Fort Collins, CO 80525**