

Learn from  
astronauts  
& other  
experts!

3 Days to  
Explore &  
Discover!



Science  
Technology  
Engineering  
Art  
Math

High School  
Program  
June 28-30<sup>th</sup>,  
2016

# Go For Launch!

Middle  
School  
Program  
June 28-30<sup>th</sup>,  
2016

# Go For Launch!

## WHAT IS IT?

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

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

## 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
- Space Shuttle 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 Deerfield! 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



**Dottie Metcalf-Lindenburger**, a former high school science teacher, 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.



**Michelle Lucas** worked at NASA primarily in International Space Station (ISS) Flight Control Operations Planning and as an Astronaut Instructor in the Daily Operations Group. Her passion for inspiring students led to extensive work with other organizations in STEM outreach. She then decided to form Higher Orbits to continue to work to inspire students about the wonders of STEM through spaceflight.



**Twyman Clements** is President & CEO of Space Tango, Inc. a Lexington, Kentucky based company focused on utilizing space for solutions on Earth. Clements is also the Sr. Space Systems Engineer for Kentucky Space LLC (Space Tango's R&D partner). His experience includes small satellite missions, International Space Station (ISS) technology development, research and Exomedicine related experiments.

...and more!

"I have never seen something like *Go For Launch!* anywhere in the world. Offering students the opportunity to compete for a place on the International Space Station is unheard of and an extremely incredible opportunity...kids from all backgrounds are coming to our local Science Center to build professional-level experiments while meeting astronauts and learning some history along the way. It is an inspiring and humbling thing to see: a truly unbeatable way to incorporate "STEAM" education into the lives of our students." -Katie Kubitskey; Space enthusiast & Educator and Founder of My World Travel



To Find Out More  
and Register visit:

[www.GoForLaunch.space](http://www.GoForLaunch.space)  
or email  
[GoForLaunch@higherorbits.org](mailto:GoForLaunch@higherorbits.org)

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