

Learn from
astronauts
and other
experts!

3 Days to
Explore &
Discover!



Science
Technology
Engineering
Art
Math

For High
School
Students

All area
students are
welcome

Go For Launch!

June
8th-10th
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 Hobart! For further details, visit www.GoForLaunch.Space, email GoForLaunch@HigherOrbits.org or call 707.893.STAR.

Meet the Team



Michelle Lucas is originally from Hobart, IN, and graduated from Hobart High School! She has 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.



Don Thomas became an astronaut in July 1991. He was CAPCOM (spacecraft communicator) for three Shuttle missions. From July 1999 to June 2000 he was Director of Operations for NASA at the Gagarin Cosmonaut Training Center in Russia. A veteran of four space flights, he has logged over 1,040 hours in space as a Mission Specialist.



Twyman Clements is President and CEO of Space Tango, Inc. a company focused on utilizing space for solutions on Earth. Clements is also the Sr. Space Systems Engineer for Kentucky Space LLC His experience includes small satellite missions, International Space Station (ISS) technology development, and research.

...and more! See website for details.



“If we are ever going to send humans to Mars and to other deep space destinations in the decades ahead, we will need a strong workforce skilled in the STEM disciplines. Through excellent programs like Go For Launch! provided by Higher Orbits, we are working to excite and inspire young students today to “reach for the stars” and pursue careers in STEM. Besides being both fun and educational, these programs will help make sure our students will have the leadership, teamwork, and communications skills needed to undertake these exploration missions of tomorrow. I am looking forward to “landing” in Hobart and meeting some of our future STEMists and explorers!”

-Astronaut (retired) Don Thomas



To Find Out
More
and Register
visit:

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

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by:



Higher Orbits
through science, technology, engineering & math