

Learn from
astronauts
and other
experts!

3 Days to
Explore &
Discover!



Science
Technology
Engineering
Art
Math

For students
in 8th-12th
grade



DURHAM COUNTY
Library

presents

Go For Launch!

April 10-12,
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 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 Durham! For further details, visit: www.durhamcountylibrary.org/goforlaunch, email mclobridg@dconc.gov or call 919.560.0128.

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.



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.



Other Team Members to be announced



“With all the high tech companies and innovative work being done in The Research Triangle, I’m sure we will see many outstanding proposals for student experiments to fly aboard the International Space Station as part of the Go For Launch! program in Durham on April 10–12. I’m looking forward to the opportunity to meet and work with this talented group of future scientists and engineers!” – Astronaut Don Thomas



To find out
more and apply
to attend visit:

durhamcountylibrary.org/goforlaunch
or email mclobridge@dconc.gov

Application
deadline:
March 3, 2017

Sponsored by:



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Higher Orbits
through science, technology, engineering & math