

 Higher Orbits

HIGHERORBITS.ORG

# Go For Launch!

#GOFORLAUNCH

@HIGHERORBITS

GOFORLAUNCH@HIGHERORBITS.ORG

# HUNTSVILLE

JUNE 17-18, 2024

REDSTONE FEDERAL CREDIT UNION  
220 WYNN DRIVE, HUNTSVILLE, AL

8AM-6PM EACH DAY

STUDENTS IN GRADES 8-12  
FROM EVERYWHERE  
WELCOME. STUDENTS  
MUST ATTEND THE FULL  
DAY EACH DAY OF THE EVENT

- TEAMWORK
- COMMUNICATION
- TECHNOLOGY
- LEADERSHIP
- MATH
- SCIENCE
- ENGINEERING



LEARN FROM ASTRONAUTS AND OTHERS

COMPETE TO HAVE YOUR IDEAS LAUNCHED INTO SPACE

EXPLORE AND DISCOVER

INCLUDES LUNCH, SNACKS, DRINKS, SUPPLIES, T-SHIRT, EVENT MISSION PATCH, SPACE SWAG BAG AND MORE!



# Go For Launch!

## THE TEAM

### THE ASTRONAUT



### ASTRONAUT TONY ANTONELLI

A Distinguished Graduate of the U.S. Air Force Test Pilot School (Navy Exchange Pilot), Astronaut Dominic "Tony" Antonelli accumulated over 3,200 hours in 41 different kinds of aircraft prior to being selected as a pilot by NASA in 2000. In 2009 he piloted his first mission aboard space shuttle Discovery for STS-119, which delivered the final pair of power-generating solar array wings to the International Space Station. During his second flight he piloted space shuttle Atlantis in 2010 for STS-132, the 32nd Shuttle flight to the International Space Station. Across his two space flights, Antonelli has logged a total of 24 days, 3 hours, 57 minutes and 35 seconds in space.



### MICHELLE LUCAS, FOUNDER & CEO HIGHER ORBITS

Michelle spent 10 years working 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.

#### 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 each day of the event.

#### WHAT IS IT?

A program that uses Space Exploration as a platform to launch student involvement in:

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

#### 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 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.



CHECK WEBSITE FOR  
MORE INFORMATION!



Higher Orbits

WWW.HIGHERORBITS.ORG