



Higher Orbits[®]

through science, technology, engineering & math

IDEA

(Inclusion, Diversity, Equity, Access)

Space Coalition



sponsors@higherorbits.org



www.higherorbits.org



ABOUT HIGHER ORBITS

Founded in 2015, Higher Orbits is a 501(c)3 nonprofit organization creating experiential learning labs for secondary school students across the United States. These learning labs are interactive and engaging, focusing on the multi-faceted environment of Space to inspire the next generation of our aerospace workforce.

IDEA

Higher Orbits is committed to providing students with opportunities focused on Inclusion, Diversity, Equity, and Access (IDEA). Through IDEA we show students the opportunities and future careers in the STEM community and Space.

2000+

Students
reached
through
events

17

Go For Launch!
experiments
sent to Space

34%

of participants have been
students of color

43%

female students
introduced or
encouraged to
pursue STEM



GO FOR LAUNCH!

Go For Launch! (GFL!) is a STEM-based, hands-on educational experience. The exciting, multi-day event uses spaceflight and space exploration as the launchpad for students to develop and strengthen necessary teamwork, communication, and leadership skills.

From novice to advanced levels, students from all backgrounds will find the **GFL!** experience a user-friendly environment where they can learn. They will be provided an experience that shows them opportunities they may have believed were out of their reach or out of their field of view



Students work together in teams, gaining one-on-one conversations with Aerospace and Industry Professionals, including Astronauts!

Innovative, Hands-on Education

The concluding **GFL!** learning activity is to create a project experiment.

Each team defines and designs their space experiment that could be tested in Space on the International Space Station. Teams then work together to present their project to a judging panel of Aerospace and STEM industry experts. The winning team will compete head to head with top placing Series teams or, if part of a single GFL event, have their experiment launched into Space!!!

All Students at **Go For Launch!** events gain experience in:



- ★ Project Management
- ★ Critical Analysis
- ★ Leadership
- ★ Team Building
- ★ Risk Management
- ★ Perseverance
- ★ Rapid Prototyping
- ★ Collaboration
- ★ Conflict Management
- ★ Communication
- ★ Negotiation

SPACE INSPIRED DRIVEN PURPOSE

Students and professionals from diverse backgrounds are still underrepresented in the space exploration community and across STEM career fields. To change this paradigm, and to help keep the US as the leader in Space, we must create the IDEA opportunities.

Through Higher Orbits, companies and individuals can impact the future of the Space community NOW. Our events provide unique learning opportunities for students to gain the experience and skills to help them become successful college students and young professionals.

Only 20% of high school graduates are prepared for college-level coursework in STEM majors.

[A.Herman, American's STEM Crisis Threatens Our National Security, American Affairs, Feb 2019](#)

Black workers make up 11% of the US workforce but represent 9% of STEM workers.

Hispanic/Latinx workers make up 16% of the workforce but only 7% of all STEM workers.

[C. Funk and K Parker, Diversity in the STEM workforce varies widely across jobs, Pew Research Center, Jan 2018](#)



Organizational Partners

Since 2021, we have partnered with the Organization of Black Aerospace Professionals as a strategic first step to strengthen its connection to students that seek STEM and space experiences and to further its scholarship and engagement opportunities for youth.

2023 Corporate Partners



JOIN THE COALITION

Coalition Partner: \$10,000

Higher Orbits IDEA Space Coalition Members benefits, including:

- ★ Each Coalition Membership provides scholarships to a student for every **Go For Launch!** event. A total of 20 for the calendar year!
- ★ Logo recognition on the website and the IDEA Coalition page.
- ★ Inclusion of company name as part of the Coalition in the press release for each event.
- ★ Inclusion of company logo on Event posters Your Sponsorship will span all events in the year 2024.
- ★ Opportunity to include company item(s) in the Space swag bag every student participant receives at **Go For Launch!**
- ★ The pride of knowing you've helped inspire and motivate a student to reach for the stars!

Join today to provide students from diverse backgrounds the opportunity to:

- ★ **Feeling empowered** with the understanding that they can make a difference in their world.
- ★ **Exceeding their own expectations** by learning to identify & build on their strengths.
- ★ **Develop confidence** and the opportunity to learn their creative style.
- ★ **Cultivate expert intuition** that enables quick and decisive approaches to opportunities and challenges.
- ★ **Inspire a love for lifelong learning** to enable the next generation of leaders, innovators, entrepreneurs & workforce to create a more sustainable world.





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