



If you choose to accept this mission, you will become part of a unique team of engineers and astronomers whose goal is to gather scientific data from near-space, up to 100,000 feet above the surface of the Earth. You will encounter amazing experiences as you:

- Discover the extremes of space through hands on activities
- Explore the engineering challenges of near space exploration
- Team with Adler astronomers to prepare experiments for a high altitude balloon mission
- Visit and spend some time working in Adler's behind-the-scenes Far Horizons high-altitude ballooning project laboratory
- Trek on the Museum Campus for a GPS tracking activity
- **Take a day long off-site trip with your team to launch, track, chase, and recover your payload**
- Add a personal token to the payload that will travel to near space
- Present the results of your exploration to family members on Friday afternoon.
- Receive video and graphical records of the launch (to be distributed via email after camp)

With only 16 registrants accepted per camp, you can be sure that you will play a significant part as we explore near-space together—in an experience like no other! Campers entering 6th-10th grade in Fall 2018 will challenge and build their science and engineering skills. To learn more about Far Horizons and high altitude ballooning, visit: <http://www.adlerplanetarium.org/for-teens-13-years-to-18-years/far-horizons/>.

### **Special Notes:**

-The off-site trip to launch a high altitude balloon will be Wednesday or Thursday, TBD by no later than Tuesday morning. The launch date will be determined based on weather and atmospheric conditions. Campers will travel to Koerner Airport in Kankakee, then follow the balloon until it lands, possibly travelling into Indiana.

-On Launch Day, campers must arrive by 8:00am and will return between 3:00 and 6:00 pm (exact return time dependent on launch conditions, retrieval location, and traffic). More details will be provided during the camp week.