

Montgomery Township School District PRESS RELEASE

FOR IMMEDIATE RELEASE

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High Altitude Balloon Launch of a CubeSat

Princeton, NJ – On Saturday, April 24th, the Montgomery High School and Princeton High School CubeSat (cube satellite) Team invites the Community to the “High Altitude Balloon Launch of a CubeSat” at Princeton Airport beginning at 11:00am. These students are flying a high-altitude balloon mission providing proof of concept for future CubeSat missions of measuring atmospheric pressure using sound waves as well as collecting data for various atmospheric bands that may be suitable for life.

This first-of-its-kind collaboration between Montgomery High School, Princeton High School and Princeton University has resulted in the MHS/PHS CubeSat Team earning recognition as one of the **five** National Finalists in the U.S. Department of Education’s CTE Mission: CubeSat Challenge Competition. The competition created a true community collaboration between neighboring school districts and the local university, providing students with an authentic engineering experience and the opportunity to launch the CubeSat they created on a NASA rocket headed to the International Space Station.

The students previously designed experiments, constructed CubeSat Prototypes and conducted initial tethered launch trials. Montgomery High School’s Science Supervisor, Jason Sullivan, commented that this event is “A truly amazing opportunity for students to apply engineering & design principles learned in the classroom and witness the work launched on a NASA rocket.” As finalists in CTE Mission: CubeSat, MHS & PHS received cash prizes, development kits, and expert mentorship donated to the U.S. Department of Education by Arduino, Blue Origin, Chevron, EnduroSat, LEGO Education, Magnitude.io, MIT Media Lab Space Exploration Initiative, and XinaBox.

Date: Saturday, April 24th, 2021

(Rain Date 4/25/21)

Location: [Princeton Airport](#)

41 Airpark Road, Princeton, NJ 08540

Event Times:

- **11:00 AM - Public Welcome & Final Launch Preparations**
- **11:30 AM - CubeSat Untethered High-Altitude Balloon Launch & Data Collection**
- **12:00 PM - End Data Collection & Begin Open Forum for Public to Ask Questions**
- **12:30 PM - Closing Remarks**

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