



Press Release – FOR IMMEDIATE RELEASE

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STUDENTS FROM HORIZON SCIENCE ACADEMY COLUMBUS, DAYTON AND CINCINNATI RELEASE A RESEARCH HIGH-ALTITUDE BALLOON

COLUMBUS, OH Monday, November 12 , 2018 - On Thursday, October 25, students from HSA Columbus, Dayton and Cincinnati released a high-altitude balloon into the central Ohio sky. Part of the High Altitude Balloon (HAB) project, HSA students designed and launched their STEM-focused plan.

Students took ownership over the HAB project by establishing the purpose and design elements for the balloon. Students constructed, launched, and tracked the balloon. Students developed research questions and collected atmospheric data for further analysis. Students utilized sensors to detect atmospheric radiation, temperature, pressure, and light intensity. After reaching an altitude of over 100,000 feet, the balloon burst and returned to the earth's surface via parachute.

Students and staff would like to thank, all the involved parties who made this project to be successful, especially The Madison County Airport manager Mr. John Duhl, Knox County Space, Concept Schools STEM department, staff members from Rice State University, Ohio University, and the teachers, students and families from Horizon Science Academy.



Click [here](#) for a short video of the event.

Horizon Science Academy Columbus High School is National Blue Ribbon Award-winning public charter school that provides a world-class education, rich in math, science, and technology focused on preparing students to become bold inquirers, problem solvers and ethical leaders, skill-ready for post-secondary education to meet the challenges of a competitive global workforce. HSA offers an array of STEM-focused educational opportunities and chosen wisely as one of the best educational opportunities in Columbus. Please visit our website for more information:

<http://hs.horizoncolumbus.org>

Concept Schools is a nonprofit charter management organization that provides a high- quality, STEM-focused, and college-preparatory education through a network of charter schools while offering exceptional programs, comprehensive services, and opportunities to partner in education. For more information on Concept please

www.conceptschoools.org