

Middle School Exhibition: Flight **Thursday, February 18th—5:30pm-6:45 pm**

Over the last nine weeks, Cabot Middle Schoolers have been exploring the theme of *Flight*. This project introduced students to basic flight physics as well as the important technological innovations that marked a century of progress in aviation. The world has certainly come a long way since the Wright Brothers' pioneering test flights on the sand dunes at Kill Devil Hills!

Student investigations have delved into fluid dynamics, Bernoulli's Principle, the forces of flight, as well as topics such as the aerobatics of birds and bats, the golden age of flight, the rise of drones, and much more. The goal was for students to synthesize aspects of their project work with other flight content and concepts.

A significant strand of this learning expedition has focused on student-designed "expert" projects, driven by personal interests. Through these explorations, we scaffolded research and professional skills including action planning, communication, note taking methods, informational writing, and time management.



As part of their research, we encouraged students to connect with a project "expert" to help guide their work. Dialoguing with parents, community members, or specialists near and far helps the project become more meaningful. This opportunity to work with outside experts was incredibly formative and added authenticity to student research.

For our culminating exhibition, students created a *Flight* installation—an interactive gallery of their projects presented in Cabot School's Performing Arts Center (CSPAC). At the event, family, friends, and community members are encouraged to chat with students about their learning artifacts and the successes and challenges of creating them. The objective is to help students make their learning visible and to give them a high stakes opportunity to share their efforts.

We hope you'll join us tomorrow night at 5:30 pm in CSPAC!

Thanks!

The Cabot Middle School Team