

SEND YOUR EXPERIMENT TO THE EDGE OF SPACE!

High Altitude Ballooning

FUN WAY TO SPARK
INTEREST IN MATH
& SCIENCES



- ALL GRADE LEVELS
- ALL STEM AREAS
- ALL TYPES OF EXPERIMENTS

The UMaine High Altitude Ballooning program* offers K-12 students the opportunity to conduct their own experiments at the edge of space. Teachers provide the experiment and we launch it aboard a high altitude balloon to 100,000 feet or more, recover the payload and return it to you at no cost. Students can participate in the launch and recovery as much as they are able, or just track the flight on-line!



EXPERIMENT EXAMPLES:

What happens to a marshmallow at altitude?

Do seeds exposed to high altitude grow differently?

Design an experiment to measure how elasticity of a rubber band changes after exposure to intense radiation.

Build (or use existing) equipment to measure temperature, pressure, radiation, etc. vs altitude.

**For More Information
and to Sign Up:**

www.umaine.edu/hab



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