

❖ Do you like flying kites?

❖ Do you want to do some citizen science?

❖ Are you interested in helping kids collect environmental science data and compare it to NASA satellite data?

If yes, let us tell you about

The Aerokats and Rovers Education Network (AREN)



In this NASA-funded project, students...

Thursday, July 6 3:45pm
Front (south side) of Strand Union Building
RSVPs are appreciated (but last-minute attendees are welcome, too!)
Kelly Boyce (kboyce@montana.edu)

- Capture and process their own remotely sensed data.
- Gain firsthand understanding of how multi-spectral remotely sensed imagery can be used to create new information about their environment
- Use a variety of field instruments to conduct in-situ investigations and learn how ground-truthing can be used to validate and interpret remotely sensed data
- Use real operational and safety protocols and procedures, and develop important teamwork skills while conducting AEROKATS missions
- Learn the basics of aerodynamics
- Use math skills to calculate mission parameters such as lift potential, altitude, optical field of view, and more
- Get outside! Get engaged! Get excited about learning!

