

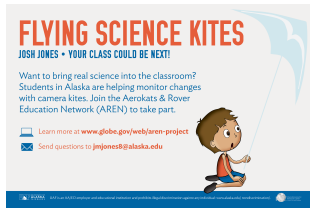
Need(s) or Areas to Watch

- Development of AREN Project Theory of Action for Enabling STEM Education with Evaluators

Cross - Collaboration

- Consulting and working with Arctic and Earth SIGNS; Mission Earth, IGES-NASA Earth Science Education Collaborative, and Earth Observer, and GLOBE
- Planning for GLOBE Annual Conference, co-hosting with Mission Earth
- Odyssey of the Mind Presentations – East Lansing, MI – Earth Science Education Collaborative
- Webinar PD for GLOBE MS Weather Unit

Collaboration – Arctic SIGNs (Josh Jones) and NESEC (Michigan State Campus)



AREN at the Bay Sox

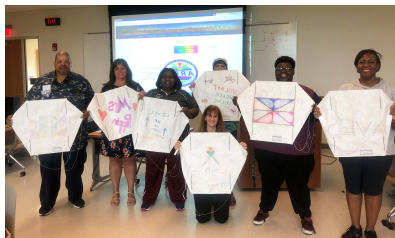


Rover 10

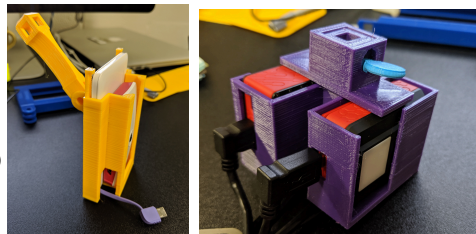
Hays, KS (GitUp Cam – 500 feet)



Upward Bound at UMES



AEROPOD Mounts



Updates/Changes

- Website Updates
- Monthly – Earthlings, NASA Headquarters, SciAct Working Group and AREN Team Monthly Online/Phone Conferences
- Completion of Wind Speed Challenge – Award-Chile
- 11 Flights Added to AEROKATS Mission Mapper – Bozeman, MT (3); Farmington, MI (2); East Lansing, MI (1); Media, PA (1); Hays, KS (4)
- Three Submissions for the National Academies Project
- Quarterly AREN Project Budget Meeting
- AREN Project Presentation – STEAM School, Farmington Hills, MI
- Upward Bound Teachers Training at University of Maryland Eastern Shore
- AREN STEM Presentations at Bay Sox Park in Maryland
- AREN Project Presentation at Hillside Elementary in Farmington Hills, MI
- AREN Presentation for Returning Rouge Education Teachers in Plymouth, MI
- New AEROKAT Fin Development
- Plastics Testing for 3D Printers
- ROVER 10 Development
- New Mount Development
- Bumble Bee Kite Development

Look Ahead

- 2019 GLOBE Annual Meeting in Detroit, MI in July
- Citizen Science and Lewis and Clark Trail Project – Workshop at Montana State University
- AEROKAT Kite Remote Sensing Training at Goddard Education Center