



AEROKATS and ROVER Education Network (AREN)

Wayne RESA, Wayne MI - Monthly Status – August, 2019



Need(s) or Areas to Watch

- Continued development of AREN Project Theory of Action for Enabling STEM Education with Evaluators
- NGSS Alignment

Cross - Collaboration

- Science Pub Talk: GO on a Trail to Monitor Changes on Planet Earth – AREN and NESEC/GLOBE Observer-Peder Nelson
- AREN and Mission Earth – Technology
- AREN Project and the Montana Girls STEM Collaborative

AREN in Marysville, MD



STEMinist Program Presentation



STEM / Collaboration in Montana



Updates/Changes

- Website Updates
- Monthly – Earthlings, NASA Headquarters, SciAct Working Group and AREN Team Monthly Online/Phone Conferences
- 3 Flights Added to AEROKATS Mission Mapper – Wallops Island; Millersville, MD; Montana State
- Submission of two “nuggets” : Take Me Out to the Ballgame with the AREN Project – Chesapeake Bay Nature Center; Upward Bound STEM Day with AREN/NASA – University of Maryland Eastern Shore
- GLOBE Presentation and Demonstration AEROKATS Flight – Millersville, MD
- Rouge Education Project New Teachers Workshop - Plymouth, MI
- AREN Exhibitor Table at the K-12 Science Teachers Institute – MSU-Bozeman
- Science Pub Talk – Lewis and Clark – MSU-Bozeman
- Kites and Citizen Science with NASA – Summer Institute-MSU, Bozeman
- AREN Exhibit at Montana Afterschool Alliance Conference
- YMCA Camp Using Apollo Drogues at STEM Week at MSU-Bozeman
- ROVER Testing with students in Gibraltar, MI
- GLOBE Blog Entry – “Bringing Public Lab’s Multispectral Image Processing to Leaflet Maps”
- AMS Maury Teacher ROVER Science Field Missions at Mattapeake Beach, MD
- Voyager Pocket Lab/Kestrel Bluetooth data collection Test Flights at Greenbelt Lake, MD
- STEMinist Program for MS Girls at the Wallops Flight Facility Visitor Center

Look Ahead

- NASA Protocol Development; AREN Team Meeting; Sci Act 2.0 Preparation; and Annual Report