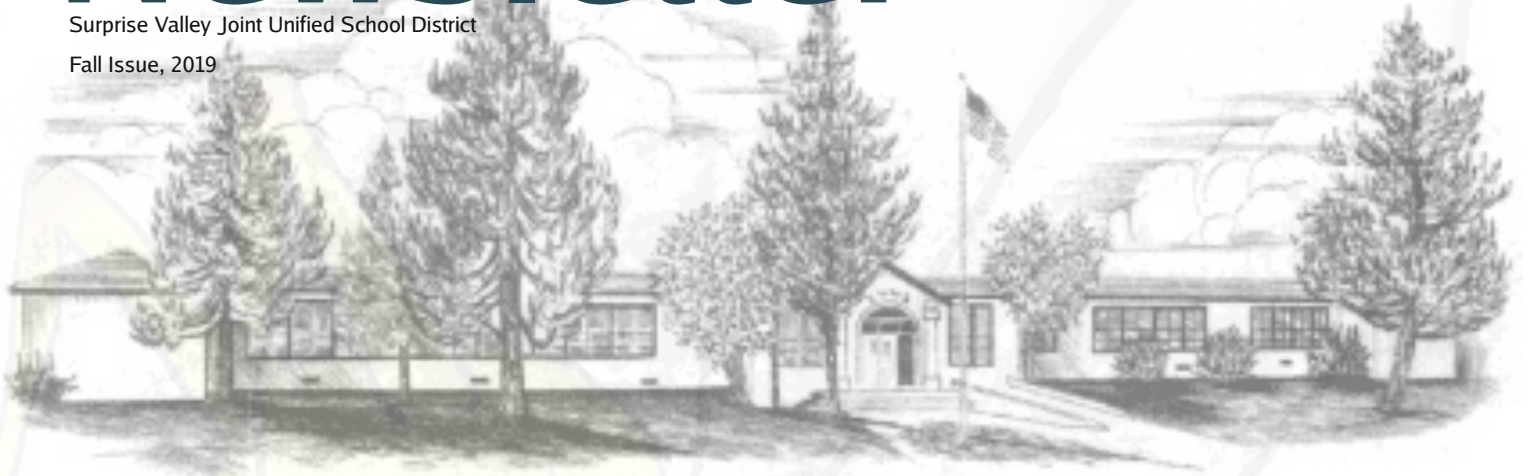


SVJUSD Newsletter

Surprise Valley Joint Unified School District

Fall Issue, 2019



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News from the Principal Audra Evans

Surprise Valley Joint Unified School District has had an incredible start to the year. The consolidation has gone very smoothly. It sure is nice to have the entire district under one roof. The hallway is full of students and the hum of students working, playing at recess, and having a good time with their friends. There are moments, as I am walking through the hall, I hear singing coming from classrooms. I just love the positive vibe that is coming from all the students and staff.

September was full of adjustments and learning new transitions and routines. Everyone was very flexible and willing to make the necessary

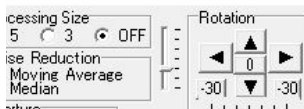
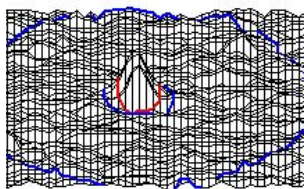
Side Notes...

David M. Schulz



Just around midnight on Wednesday, October 2, 2019, Surprise Valley's Research and Education Collaborative Occultation Network (RECON) team members Terry Miller, Brian Cain, and David M. Schulz were on call to record a star momentarily blinking out of view. Leucus, an asteroid that was discovered a little over twenty years ago, occulted the star for just a brief moment during the event window. The event only lasted about five minutes, but it produced thousands of frames of data, each measuring the light intensity of the occulted star.

Later, Surprise Valley High School students in the Algebra 1, Algebra 2, and Geometry classes witnessed a real-life application of graph analysis as Mr. Schulz demonstrated the use of Limovie, a software tool used by astronomers to study the light readings obtained during an occultation. RECON Project Leads Dr. Marc Buie at the Southwest Research Institute (SwRI) in Boulder, Colorado and Dr. John Keller at the Fiske Planetarium at the University of Colorado Boulder will share the information with NASA as the Lucy mission proceeds towards its October 2021 launch date.



The following is an excerpt from a RECON email about the event:

"Team members from Sisters, Chiloquin, Klamath Falls, Cedarville, Burney, Reno, and Gardnerville set up nine telescopes spaced every 5 km across the occultation prediction path for Leucus, a Trojan asteroid that the NASA Lucy mission will visit in the coming decade. We are currently analyzing numerous positive chords obtained by these teams that will provide important information about Leucus!"

RECON, supported by the National Science Foundation, is a network of 64 telescopes strategically placed along a path that stretches from northern Washington to southern California. Cedarville is one of the original 14 communities to pilot the project, which began in 2012.

