



From the AIR PROGRAM

Summer education activities

In July, the Education Center staff and EMO staff teamed up to provide educational opportunities to the Tazawano students. The students were engaged in outdoor activities led by the Air Quality Specialist Emma Ruppell, and the COSA Education Americorps Volunteer McKenzie Dale. An activity done by all students was learning the basic parts and functions of a compass, lessons on compass directions (and bearings for the 3rd grade and up students), followed by orienteering courses set up on the lawn. All students also got the chance to practice or learn about recording weather observations, including seeing how an anemometer (wind speed meter) works. The 1st and 2nd graders learned hands-on about the properties of frozen ice in an ice block melting “contest” using warm water and salt. (The prize inside the ice made sure every team won!) They also did an activity to learn about the solar system on the lawn, using planet props, and even getting to experience how

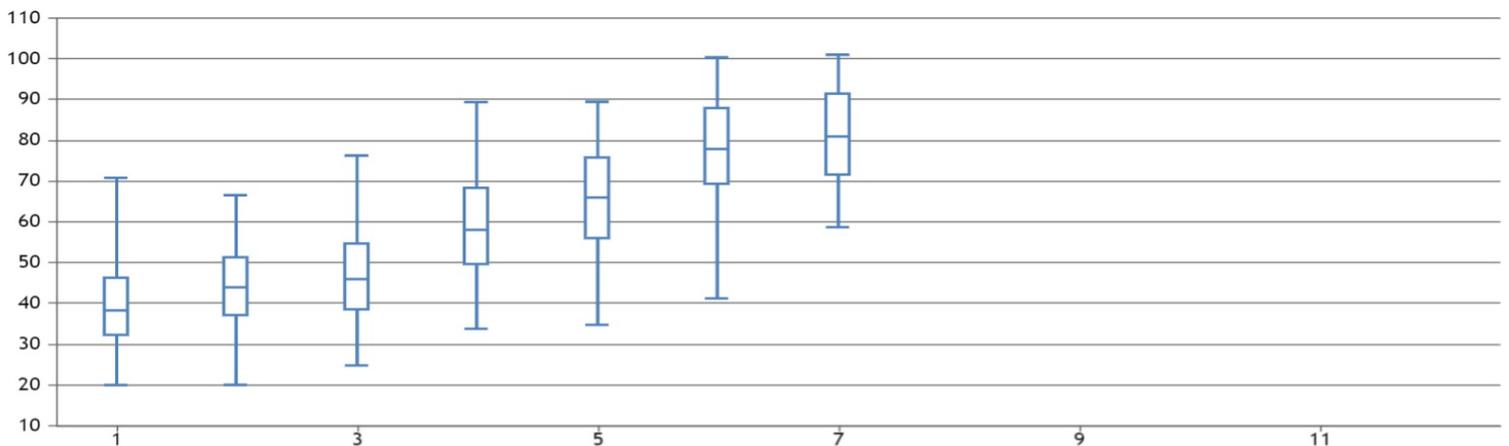


the planets rotate and orbit the sun! The 3rd and up students took a nature walk along the creek at the Education Center for birdwatching, learning how to use binoculars, and using bird identification materials to make and record sightings of several different species of birds. This was followed by examination of natural articles found outside using hand lenses and a nature journal. As a final bonus, we explored some aerodynamics in a game of frisbees!



Summer Temperatures

Beginning in June, multiple excessive heat advisories and warnings were issued for the Owens Valley and Reservation location. The tribal weather station recorded temperatures over 100d F 3 times in June and July. The maximum was 101d F, on July 8th during the 3 pm PDT hour. Below is a chart showing the trends of outdoor temperatures in 2021 so far, in box plots. Each monthly box plot shows the maximum and minimum values (horizontal dashes at the terminus of the lines), and the values of the low end of each quartile (horizontal lines bordered by the box). (Data visualized using QREST.net)



⇒ For more info call the Air Program at 760-784-9308.