



Students from the Mora, NM school district spent the day on the Mora National Fish hatchery engaged in outdoor games and learning about the environment. While on the hatchery they toured through 9 different stations learning about different topics. The event was a huge success and would not have been possible without the coordination efforts of the Western Mora Soil & Water Conservation District. We sincerely appreciate the support and participation of all our guests to help us make this day possible.

## **Forestry Appreciation**

The students visited with Benjamin Espinoza from the New Mexico State University John T. Harrington Forestry Research Center. Benjie talked with the students about the research being done at the center to grow faster Christmas trees and to grow hardier seeds to survive in drought conditions for reforestation.





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#### **Weed Control**

The students visited with Lydia Ulibarri from the Soil & Water Conservation District. Lydia talked with the students about why weeds are bad, weed identification, and weed eradication methods of mechanical removal, biological control, and using herbicides. In honor of Earth Day Lydia also talked about the 5 R's: Reduce, Reuse, Recycle, Replenish, and Restore.



### **State Forestry Service**



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Students visited with Ron Vigil, Cody Alcon, Jarrod Duran, and Ray Romero from the New Mexico State Forestry Division. They talked with the students about wildland fire, thinning the forest, prescribed burns, and fire management. The students met Smokey the Bear and learned about the different tools and methods for controlling wildfire.



#### Watersheds

The students visited with Steve Riker from the Soil & Water Conservation District. Steve talked with the students about watersheds and how upland erosion can change them over time. He also talked about stream restoration work on public and private lands to ensure a healthy watershed exists for everyone and everything.



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## **Calculating Elevation**



The students visited with Amanda Montoya and Randy Velasquez from the Natural Resources Conservation Service. Amanda and Randy talked with the students about elevation and finding slope and gave the students an opportunity to do their own calculation. They learned that proper measurements of elevation and slope are important to the engineers that design pipelines to carry water and other resources to the places it is needed.



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#### Survival in the Wilderness

The students visited with Chris Castle from the National Park Service in Fort Union. Chris talked with the students about the adaptations of forest animals that help them survive. The students also played a game called Deer's Ears where one student is designated as a deer and then blindfolded, the other students then sneak up "the deer" who must point to them and eliminate them before they get too close.



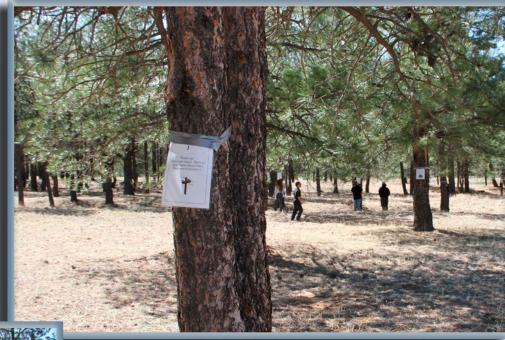


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### Migratory Birds

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The students visited with Debbie Pike from the Las Vegas National Wildlife Refuge. Debbie played a migratory bird game with the students where they became birds that had to migrate through 24 possible stations to get to their destination. As they migrated through the stations they had to avoid electrical lines, cars, cats, and other hazards as well as find food and safe drinking water.

# **Archery**



The students visited with Jeff Conway and Richie Garcia from the Mora National Fish Hatchery. Jeff and Richie covered all the field safety rules of archery before allowing the students to work with the bows and arrows. The students were then shown the basics of the proper stance and loading and releasing arrows at the practice targets.



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### **Hatching Fish**

The students visited with Grant Langmaid from the Mora National Fish Hatchery. Grant took the students on a tour through the hatchery building to learn about the work done at that hatchery. Students learned about the species at the hatchery, the water recirculation system, and tagging fish for identification. With spawning season in full swing the students were able to see the fish at all stages from egg, to fry, to juveniles, to adult fish.

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