



Above, Klickitat PUD's Robert Dorais, Todd Niva and John Tallman provide Goldendale Primary School fourth graders the opportunity to try on the insulated gloves the men wear as part of their safety equipment. Below, GPS students watch the drone demonstration presented by Staking Engineer Greg Fahlenkamp and Engineering Technician Brandon Johnson.

## Seeing Science at Work

*Klickitat PUD employees show students that science has real world applications*

By Beth Schroder

Klickitat PUD staff visited Goldendale Primary School on October 8 to show a real-world application of what the fourth graders had studied in science class.

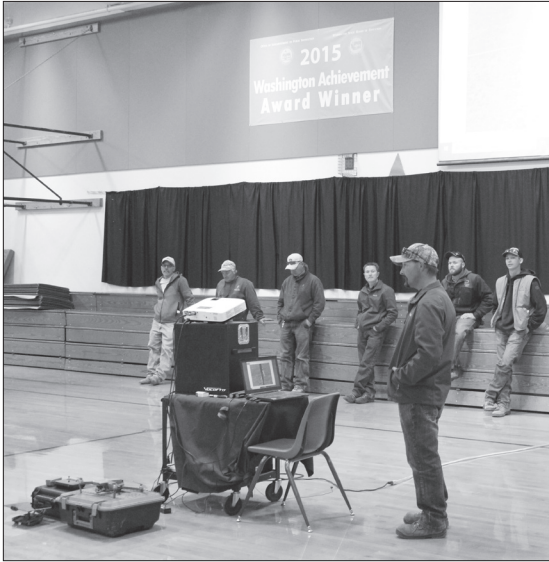
Following a unit on electricity and conductors, the students were able to see up close the materials and equipment that KPUD linemen use to make sure the power stays on or to provide services to new customers.

The group also saw the drone resources Klickitat PUD staff use to evaluate power lines and structures.

Staking Engineer Greg Fahlenkamp gave a presentation and showed images of KPUD power structures taken using the drone camera. Brandon Johnson, KPUD engineering tech, gave a droning demonstration to the students.



Students visited with a Klickitat PUD line crew and saw a digger derrick truck, insulators, conductors, power line material and other items. The line crew visiting GPS consisted of foreman Todd Niva, linemen Craig Noviks and Robert Dorais, ground man John Tallman and apprentice lineman Jess Beierle. ■



**Above, Greg Fahlenkamp gives a presentation on drones. Right, Todd Niva demonstrates the use of the extendo stick—an insulated tool used to work with energized power lines from the ground. Below, Craig Noviks and Jess Beierle demonstrate the digger derrick truck used by line crews to dig holes and set power poles.**

