

HALLIBURTON

Pine Ridge Trip Report

November, 2016

LITTLE SHOP of PHYSICS



The Little Shop of Physics spent fall break with the Oglala Lakota Sioux Tribe on the Pine Ridge Reservation in South Dakota. This was our tenth annual visit to Pine Ridge, which occurs every year in November; several years ago, in recognition of Little Shop of Physics having visited all of the schools on the reservation, a holiday was created by Tribal Proclamation declaring the fourth week of every November to be the official *Oglala Lakota Nation Little Shop of Physics Week*.

This year, we worked with over 700 students at Red Cloud Indian School and Isna Wica Owayawa (Loneman Day School). Since 2008, we have partnered with Oglala Lakota College (OLC), a tribal college based on the reservation, to visit schools and present our unique hands-on approach to science. More recently, OLC has started its own hands-on traveling science program based on the Little Shop of Physics.

This year we also partnered with the College of Natural Science Learning Community (CNSLC). Undergraduate students from the CNSLC chose to take a class with a focus on science outreach, where they developed their own hands-on science experiments in the style of Little Shop of Physics, and tested these experiments at local Fort Collins schools. This visit to Pine Ridge was a capstone activity for the class, and CNSLC students were able to share their projects alongside Little Shop of Physics experiments with the local children at Pine Ridge.

This trip was made possible by a generous grant from the Halliburton Foundation. Every K-12 student we worked with received a *Halliburton Science-at-Home Kit* which included among other materials a pair of Halliburton-branded rainbow glasses.



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