



Health and Science School

2009-2010

Sandy River Delta Expedition: \$970

Funding provided through the Building STEAM 4 All Program

Leonardo da Vinci noted the painter was uniquely qualified to probe nature's secrets due in part to his keen powers of observation. This tie between the arts and sciences will be reinforced when students attend a fieldwork session through Metro Regional Parks to the Sandy River Delta. Students will gain hands-on experience detailing their observations and sketching the local river ecosystems. They will work on producing a "Sandy River Delta Pocket Field Guide". Each student will produce a watercolor painting and detail facts about a chosen animal or bird. The pages will be combined to form the field guide.

Those Who Came Before Us: \$1,000

This ten-week project is a major investigation of the "First Americans". Students will study multiple theories regarding migration of the first native people of America; where they may have originated, and how they arrived here. The project includes exploration of other ancient people and findings such as Neanderthals, Pre-Clovis, Clovis points, a frozen baby mammoth named "Lucy", the Monte Verde site in Chile and locally, the Paisley Cave coprolites.

2008-2009

After-School Homework Club: \$8,000

Grant Sponsor: Intel

After-school Homework Club is a part of the school intervention systems, providing students with weekly after-school homework assistance. Targeted support is provided for students needing help in their classes. Staff and volunteers work each week to support student progress on targets. Students have made significant gains as a result of this targeted support.

Connecting with Bicultural At-Risk Students: \$1,000

The goals of the project are to educate students and parents on the progressive stages of crime, facilitate parents in learning new skills that will help them raise challenging teens, and to promote student and parent communication, positive life skills and bonding. Students from four participating high schools will go to the Oregon State Penitentiary a number of times to work with model inmates who are members of Los Hermanos Youth Crime Prevention and Education Program.