



EDUCATIONAL PROGRAMS

Our science education programs reach approximately 12,500 students in 9 regional counties around Southern Oregon. With support from private individuals and grantors such as the **Gordon Elwood Foundation**, we are succeeding in our goal is to close the gap in science education in the public schools.



ScienceWorks School Visit Program

Each year we host nearly 8,000 schoolchildren at ScienceWorks for school visits. This is not a field trip but a comprehensive learning experience. Each school group is provided a classroom lesson, a lab, a live show, and a structured investigation activity. It is a full experience for teachers and students designed to meet the Oregon State Board of Education Standards. Teachers find it hard to meet these standards with the resources available to them and ScienceWorks steps in to fill that need.



Illuminating Science Inquiry - Offsite Education

We take our education programs **ON THE ROAD** to 9 counties in and around southern Oregon! The Illuminating Science Inquiry program is an innovative staff development workshop that actively trains regional elementary teachers in the process of scientific inquiry. A ScienceWorks professional works hand-in-hand with teachers and students *in the classroom* for four days to model the inquiry process. Students are introduced to the topic and general methods of science inquiry through an active process of experimentation, and learn to formulate scientific questions and discover their own answers through the design and analysis of their scientific investigations. Classroom teachers participate at every stage of the inquiry process and receive complementary science inquiry curricula for future use. Additionally, the ScienceWorks instructor offers advice to teachers on evaluating student work samples using state assessment standards. Upon completion of the program, students have created a scientific inquiry work sample that may be scored and added to their permanent file. ScienceWorks delivers this program to 4,500 schoolchildren and teachers per year.



Afterschool Education:

GECOS – (Girls Engineering Club of ScienceWorks) Girls explore science through exciting engineering challenges. Participants have an opportunity to design solutions, build ideas and test them. The program provides girls an opportunity to build cars and bridges, learn to program robots using PICO Cricket technology and LEGO Mindstorms robots, and explore chemical and electrical engineering too.

For more information, please do not hesitate to call our Director of Education, Skoshi Wise at 541-482-6767 or skoshi@scienceworksmuseum.org, or visit us on the Web at <http://www.scienceworksmuseum.org>.

Thank You,
Mark DiRienzo
Executive Director