



Roots of Wisdom

Native Knowledge. Shared Science.

In *Roots of Wisdom: Native Knowledge. Shared Science.*, students and families will discover the unique partnership between cutting-edge western science and traditional knowledge of indigenous peoples. The exhibit tells the stories of four communities, giving visitors real life examples of how complementary solutions to ecological and health challenges are being applied to improve our world. Through the voices of elders and youth, storytelling, hands-on interactives, and clever video games, visitors will gather resources, examine data, and take part in the growing movement towards sustainability and reclamation of age-old practices.

Funded by the National Science Foundation, *Roots of Wisdom* is designed for students ages 11-14 and has English audio, video, and text along with language samplings from several different indigenous communities. The exhibition was developed by the Oregon Museum of Science and Industry (OMSI) in collaboration with the Indigenous Education Institute (IEI), the National Museum of the American Indian (NMAI), native community elders, educators, and youth.



Cost: \$30,000 for 3-month venue, plus shipping

Requirements: 2,000 sq. ft. gallery space
 Minimum doorway dimensions for carted exhibit:
 4'W x 8'H x 8'L
 110 VAC 15 amp power
 3-5 days estimated for installation and take-down
 Minimum of 400 sq. ft. of space to store carts

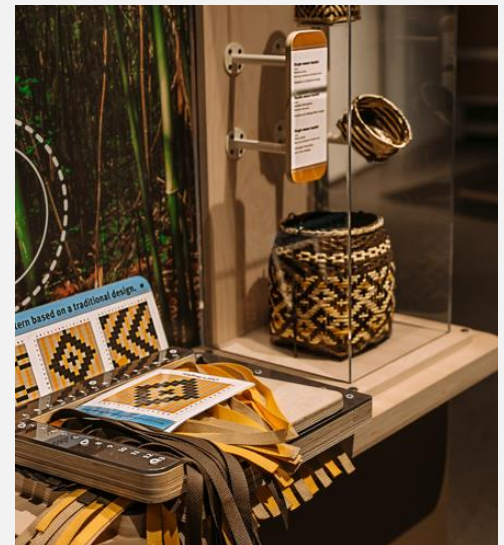
Components: 13 Exhibits + environmental panels and comment board

Shipping: Shipped in (1) 53-ft. trailer

Supplemental Materials: Instruction Manual
 Marketing Kit
 Teacher's Guide

Availability: Contact OMSI's Traveling Exhibits Service at:
 503.797.4659 | travelingexhibits@omsi.edu

EXHIBITION AREAS



Re-establishing a Native Plant

(Eastern Band of Cherokee Indians)
 Learn how the Cherokee use native river cane to weave baskets and other useful technologies while weaving your own patterns and viewing the work of Cherokee artisans.

Restoring Fish Ponds

(Native Hawaiians)
 I help restore a Hawaiian fish pond and learn how this traditional form of aquaculture could contribute to a sustainable future for the people of Hawaii.

Rediscovering Traditional Foods

(Tulip Tribes)
 Stop by a Tulip garden and learn native techniques for growing and gathering food, along with nutritional information about the plants.

Saving Streams and Wildlife

(Confederated Tribes of the Umatilla Indian Reservation)
 The native river lamprey has long sustained peoples of the Columbia River in the Northwest. Catch one of these ancient fish from the waterfall, and learn about this species' traits and traditional uses.

An Interactive Exhibit
 Designed and Produced by
 Oregon Museum of Science and Industry
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