



EARTH CONNECTION CAMP

Relationships and Resilience through STEM and Culture

RED BUTTE GARDEN POINT

June 26, 2023

THANKSGIVING POINT INSTITUTE

June 28, 2023

Relationships and Resilience through STEM and Culture

Immersing STEMs into Native Culture

#EarthCC23UT

CAMP HIGHLIGHTS

Earth Connections Camp is an indoor/outdoor classroom for American Indian youth (1st-12th Grade) to connect with their natural and cultural heritage, as well as **S**cience, **T**echnology, **E**ngineering, and **M**ath (**STEM**). Students learn about STEM that is combined with cultural traditions taught by Tribal members, state/federal agency experts and American Indian college students from across the Country.

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RED BUTTE GARDEN, NATURAL HISTORY MUSEUM of UTAH, and THANKSGIVING POINT INSTITUTE - June 26 & 28, 2023

STUDENTS WILL:

- Learn how American Indian youth can live in two worlds, that is intertwining western science with traditional-cultural wisdom
- Meet American Indians who are STEM experts
- Work with American Indian and non-American Indian role models and mentors
- Learn what it means to be “college career ready”
- Be introduced to educational resources and diversity programs

STUDENTS WILL EXPERIENCE STEMs IN MOTION

- UDWR & BOR – Water Resource Science / Engineering / Building Dams
- Thanksgiving Point Institute – Resource Building
- NARI - Medical Sciences
- BLM – Bears Ears; Surveying/Mapping
- Red Butte Garden – Plant Science
- NHMU – Curator exhibit / demonstration

Sessions will be visual, hands-on, participatory, and engaging.

THE CAMP WILL IMMERSE STEMs IN OUR NATIVE CULTURE

- Interconnect STEM and Traditional Ecological Knowledge (Tradition/Culture/Heritage)
- Multiple Tribal representations
- Traditional – Culturalist on site working with STEM instructor
- Support a Tribal identity from American Indian scientists/instructors
- Ethnobotany – medicinal and ceremonial use of plant

PARTNERS & SPONSORS

- Utah State Board of Education
- Urban Indian Center of Salt Lake
- Nebo / Alpine School Districts
- Red Butte Garden
- Natural History Museum of Utah (NHMU)
- Thanksgiving Point Institute
- University of Utah - Native American Research Internship (NARI)
- University of Utah - American Indian Resource Center
- U.S. Department of the Interior (DOI)
 - o Bureau of Land Management (BLM)
 - o Bureau of Reclamation (BOR)
- U.S. Department of Agriculture
 - o Natural Resources Conservation Service (NRCS)
 - o Forest Service
- Utah Division of Water Resources (UDWR)
- The Safety Consortium

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