



Connecting FOSS to Northern Arizona

Josephine Hammond: Knoles Elementary, Flagstaff, AZ: 928-773-4120
Curriculum designer for these place-based modifications

Flagstaff Science Resource Center: Penny Planeta
928-773-4160

Science equipment for Flagstaff teachers. Order live animals through Penny Planeta.

Take Rt. 66 East near mall, take a right at Railhead Ave. then a left at Dodge. Right on Penstock. 5488 Penstock. Second entrance, last door on the east side.

Northern Arizona Environmental Education Resource Center: 928-523-1651

www.nau.edu/~envsci

A library and resource center for teachers interested in environmental/science education. Call with questions, visit to check out books, games, videos or science equipment.

Northern Arizona University. Physical Sciences Building (#19) Room 111.

Resource Center for Environmental Education:

Glo Edwards and Mary Layman. 928-779-1745

Glo_Edwards@msn.com

www.nrcd.org/coconino/RCEE.htm

In-school and off-site (field trip) programs.

Free and purchasable materials: Posters, curriculum materials and information.

Grants/funding: Offer assistance to teachers writing grants for environmental projects. The RCEE and the Coconino NRCED offer scholarships for teachers to attend workshops.

An organization that will lead field trips and do presentations for your class. Presentations that would work for this kit:

Exploring caves (2-8) 1 hour

Flagstaff flows, faults and floods (2-8)

AZ treasure—copper (4-8) 1 hour

March through time (3-8)

Rifts, rafts...plate tectonics (4-8) 1 hour

Faults and floods (4-8)

Erupting earth (2-8)



Connecting FOSS to
Northern Arizona

RCEE cont'd:

- Landforms unlimited (K-8)
- Mad about maps (1-8)
- Rock talk (1-12)
- Grand canyon geology (3-8)
- Images on stone (K-6)

Grand Canyon Youth: Melissa Jurgensen and Jon Hirsh
928-773-7921

Off-site programs: River trips down the San Juan and Colorado Rivers, themes focusing on geology, ecology, and anthropology of San Juan and Colorado Rivers, low impact camping, youth community involvement and youth team building.

Grand Canyon National Park: Jacob Fillion
928-638-7776

Jacob_Fillion@nps.gov www.nps.gov/grca/education/

On-site programs only. Junior Ranger program and Dynamic Earth program.

Free and purchasable materials: Teacher packets.

Dynamic earth program (4-8), 4 hours long. Dynamic Earth is offered Tuesdays, Thursdays and Fridays during the school year; it begins at 9:00 a.m. and finishes at approximately 1:00 p.m. Program size is limited to 40 people, this includes a minimum of five chaperones.

Educational groups participating in park environmental education programs will not be required to pay an entrance fee for the park

United States Geological Survey: Sue Priest
928-556-7148

spriest@usgs.gov www.flag.wr.usgs.gov

On-site, and in-school programs with applicable themes:

- Topographic maps
- Volcanoes of northern Arizona
- Rocks in the home
- Space Science
- Planetary mapping



Connecting FOSS to
Northern Arizona

Petrified Forest National Park: Michael Stuckey

928-524-6228 ext. 233

Michael_Stuckey@nps.gov www.nps.gov/pefo

On-site and in-school Science in our parks programs:
Grade Five – Geology

Museum of Northern Arizona: Rachel Edelstein

928-774-5211 ext. 241

redelstein@mna.mus.az.us www.musnaz.org

On-site, in-school and off-site programs:

Docent-led tours:

General Geology (4th grade-adult)

Math in Nature: "Pineapples to Bellybuttons" (4th -
8th grade) 1-1.5 hrs

Fine Arts (2nd - 12th grade) 1-2 hrs

Flagstaff Unified School District: Cameron Kern

928-527-6109

ckern@flagstaff.apscc.k12.az.us

On-site, in-school and off-site (field trip) programs:

Project LIFE, week-long experience, Slide shows and presentations on various aspects of environmental and outdoor education, cross-country skiing, winter ecology, rock climbing, geology of Oak Creek, Geology/Hydrology hike.

Check-out materials

NAU Geology Department: 928-523-4561

NAU Graduate Student: Nancy Muleady-Mecham 928-

523-9498 email: knmecham@grand-canyon.az.us

Topics include:

Antarctica

Grand Canyon

Fire Ecology

Forests



**Connecting FOSS to
Northern Arizona**

Jason Hooten: Library Supplies Controller:
928-523-7177

Arizona Earthquake Information Center:
928-523-7197

Meteor Crater: 928-289-2362

Cultural Information: Contact your school's Native
American counselor and ESL teachers