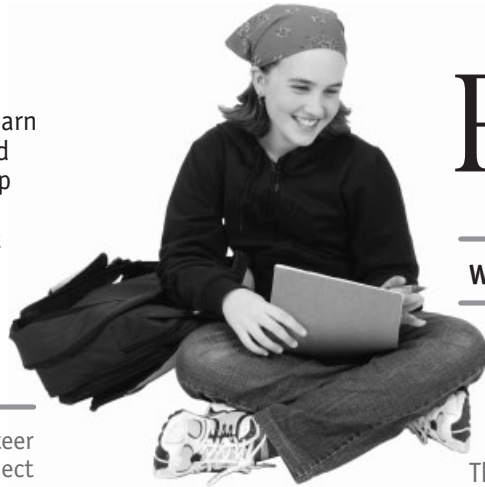


Zone 6: Kids in the Creek, cont.

Students will tour the fish hatchery and learn about the role the hatchery plays in overall fish mitigation efforts in Lake Roosevelt. They will learn how a hatchery operates and how fish are tagged and monitored. Hands-on activities include a trip into the nearby creek to identify macro invertebrates, test water quality and learn about overall indicators of watershed health.

This zone will be offered as a full day zone on Wednesday only.



Lake Roosevelt Forum

WED., MAY 13

Zone 1:
Trees and lots of
Other Fun Things

Zone 2:
The Nature of Water
Power & GPS
Technologies

Zone 6:
Kids in the Creek

THURS., MAY 14

Zone 3:
Home on the Range

Zone 7:
Net Pen Fisheries &
Water Investigations

FRI., MAY 15

Zone 2:
The Nature of Water
Power & GPS
Technologies

Zone 4:
Fort Spokane: Duty,
Discipline & Diversion

ZONE 7

Sponsor: Lake Roosevelt Volunteer
Net Pen Project

Net Pen Fisheries & Water Investigations

This half day zone features the importance of the Net Pen Fisheries Project and investigates the role that water quality plays in maintaining a healthy fish habitat.

Net Pen Fisheries: Find out what is being done to enhance the fish populations in Lake Roosevelt and discover the importance of the net pen program at Two Rivers Marina. Students will have an opportunity to learn about the net pen program on Lake Roosevelt and feed the resident rainbow trout. Students will also create a Gyotaku (fish print) which they will take home.

Water Investigations: Inquiring minds want to know! Why are some fish thriving and others not? Is it the water, or something else? What tests and measurements do field scientists use to unravel these mysteries? How do changing lake levels, soil erosion and deposition, temperature, dissolved oxygen, toxins, and waste products impact fish habitats in Lake Roosevelt? Investigators are wanted for this Discovery Zone. Students will gather shoreline evidence, conduct water quality tests, and analyze data to help solve this real world dilemma.

This zone will be offered as a half day zone on Thursday. Please include your preference for morning or afternoon.

MON., MAY 11

Zone 2:
The Nature of Water
Power & GPS
Technologies

TUES., MAY 12

Zone 1:
Trees and lots of Other
Fun Things

Zone 3:
Home on the Range

Zone 5:
White Sturgeon
Recovery Team

Questions?

Contact the Lake Roosevelt Forum at 509-535-7084
or info@lrf.org.

Please note: most zones are targeted at grades 4 - 6.
Full day sessions will be from 9:30 a.m. to 2 p.m.
unless other arrangements are made.

STUDENT Discovery WEEK



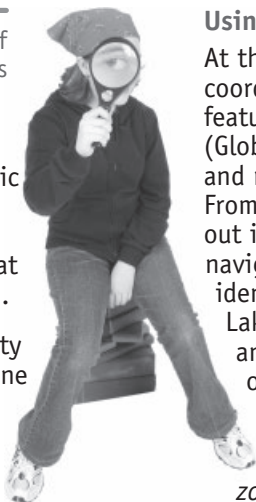
MAY 11-15 • 2009

ZONE 1Sponsor: Bureau of
Indian Affairs**Trees & Lots of Other Fun Things**

Come learn about the ecology and economy of the forests around Lake Roosevelt. Dynamic zone leader, Gary Martin with the Bureau of Indian Affairs, and his many able helpers coordinate this very popular discovery zone at Owhi Lake on the Colville Indian Reservation.

At this zone students will have an opportunity to learn just about everything you can imagine about Ponderosa Pine and other trees. There will be hands-on activities focusing on how to measure trees, how to calculate tree height, and how to cruise a forest, among other things. Students will also have an opportunity to learn about the cultural uses of Ponderosa Pine and other native plants. Other possible activities include GIS technology and natural resource appreciation and protection.

This zone will be offered as a full day zone on Tuesday and Wednesday.

**Using GPS & GIS Technology**

At this zone groups of students will learn how a coordinate system is designed and used in locating features on a map. The basic technologies of a GPS (Global Positioning System) will then be explored and related to the real world coordinate system. From this learned knowledge the students will break out into groups and using handheld GPS units, will navigate to predefined points of interest and also identify the location of existing features along Lake Roosevelt. The groups will then convene and present and plot their discovered features on a map. There may even be a "buried treasure" the kids will navigate to and discover!

This zone will be offered as a full day zone on Monday, Wednesday and Friday.

ZONE 3Sponsor: Washington Department
of Fish & Wildlife**Home On The Range**

The channeled scablands are one of the many extraordinary geological features of this region. Come learn about the geological forces that created this unique landscape. Learn about the plants, animals and birds that inhabit this specific ecosystem niche. This zone is located at the Swanson Lake Headquarters south of Creston.

Students will have an opportunity to see and handle animal skins and skeletons of birds and animals native to the area. Other planned activities include a hike into the scablands to learn about the area's history and to learn to identify native plants and birds. Zone leader, Juli Anderson with the Washington Department of Fish & Wildlife, coordinates this zone with the assistance of many talented geologists, botanists and fish & wildlife experts.

This zone will be offered as a full day zone on Tuesday and Thursday.

ZONE 4 Sponsor: National Park Service**Fort Spokane: Duty, Discipline & Diversion**

This zone is a hands-on exploration of why the fort was established by the military, why and how it was subsequently used as an Indian Boarding School and later a

tuberculosis hospital. Student groups will rotate through 3 different programs: Military Post, Indian Boarding School and Play Ball! The program includes a teacher guide, pre-visit classroom lessons, ranger-conducted and self-guided lesson activities while visiting Fort Spokane, and post-visit materials. Teacher and adult involvement is high in this zone. A pre-visit packet will be sent prior to your visit.

This zone will be offered as a full day zone on Friday.

ZONE 5Spokane Tribe of Indians,
Washington Dept. of Fish & Wildlife
and Colville Confederated Tribes**White Sturgeon Recovery Team**

For more than a century, the upper Columbia River white sturgeon has been swimming against the currents of change. Once abundant, the white sturgeon has suffered a serious decline and may become extinct. The Spokane Tribe of Indians, Washington Department of Fish and Wildlife, Colville Confederated Tribes and others are fighting to save them.

Students will become part of the Lake Roosevelt white sturgeon recovery team. Your class will go to a location near Kettle Falls and assist fishery specialists with the release of hatchery reared sturgeon into the lake. Specialists will help students understand the environmental and other factors affecting sturgeon survival, what's being done to return this prehistoric fish to abundance, and how students can help. Each student will also create a Gytaku (fish print), which they will take home.

Zone 5 is available to schools located on the northern end of Lake Roosevelt. This zone will be offered as a full day zone Tuesday only.

ZONE 6Sponsor: Bonneville Power Admin. &
Spokane Tribe of Indians**Kids in the Creek**

Come put your kids in the creek! This discovery zone is located at the Spokane Tribal Hatchery. Zone leaders, Tim Peone with the Spokane Tribe of Indians and the Bonneville Power Administration, present a very full schedule of interactive activities for everyone.

CONTINUED ON BACK >

ZONE 2

Sponsor: Bureau of Reclamation

The Nature of Water Power & GPS Technologies

Spend a full day at Grand Coulee Dam taking a tour and learning more about GPS and GIS technology. Groups will split and spend half a day at each section of the zone.

Dam Tour

Grand Coulee Dam is the largest concrete structure ever built. This monolith contains 11,975,500 cubic yards of concrete. Grand Coulee plays a pivotal role in the region providing power, irrigation, flood control and recreational opportunities. The dam potentially has enough hydroelectric generating capacity to meet the needs of over 1,000,000 consumers.

At this zone students and teachers will have an opportunity to explore Grand Coulee's the inner labyrinth while learning about the history and operation of the dam. You may also want to arrange for a tour of the nearby Colville Museum while you are in the area. They can be contacted directly at (509) 633-0751.

