Natural Resources Field Days

Learn about different habitats within Logan River’s watershed by exploring wildlife, plants, soils and water.

Kids will be exploring this habitat with real scientists and NR managers and college students studying education, science, natural resources and more.

Water Station-

- Water connects all habitats
- Adaptations to aquatic habitats.

Build a bug – what adaptations would a kid need to live in a river?

Macroinvertebrate exploration – learn about small organisms that live in the river.
River exploration

Aquatic “bugs” up close
Wildlife Station -

Station leaders:
Utah Division of Wildlife Resources;
US Fish & Wildlife Service

- Connections between wildlife and their habitat needs.

Migration matters — needs and dangers for migratory birds.

Track stories – learn the stories that animals leave behind with their individual footprints and other “sign”.

Exploring different wildlife habitat
Wildlife in different habitats

Plant Station-

- Plant adaptations to different habitats
- Scientific tools for classifying plants

Station leaders:
Cache County Extension
USU Master Naturalist Program
USU Forestry Extension
Stokes Nature Center

Biomes- adaptation & habitat
The Forest Around Us – learn how to classify different plants
Using a key to ID plants
Soil Station -

- Demonstrate different types of soils
- The importance of soils as foundation for different habitats.

Station leaders:
Utah Association of Conservation Districts
Bear River Watershed Coordinator

learn about soil structure and soil profiles

Soil profiles
Soil textures
24 schools, 2 school districts ~ 1400 kids

Natural Resources Schedule

Daily schedule:
- Station 1: 9:30 ~ 9:50 - General intro to kids about NR Days
  9:50 ~ 10:40 - First station activities
- Station 2: 10:45 ~ 11:30 - Second station activities
- Lunch: 11:35 ~ 12:20 - Kids eat at station 3 location
- Station 3: 12:20 ~ 1:10 - Third station activities
- Station 4: 1:15 ~ 2:05 - Fourth station ac
General Guidelines

Preparations beforehand:

• Go over your station lesson plans, notes on talking points, scripts – whatever works.

• If you have a partner, communicate ahead of time and go over the activity.

• Go over the general logistics of the day so you can help direct teachers and students who may be lost. Review the website (www.extension.usu.edu/waterquality/annual-events/nrdays.)

• Make sure you have contact info for your station leader (will be posted on website).

• Contact station leaders or your teaching partner if you have questions OR if your plans change (please try to avoid this!)

• Arrange carpools if possible.

General Guidelines

Before you leave for NR Days:

• We will make the call for a rain day each morning. Check for texts or phone messages.

• Rain days will be at the Cache Fairgrounds (see map on website) and will end by lunch time. Only morning volunteers will be needed.
General Guidelines

Before you arrive:

• If you are there all day, pack your own lunch. It will not be provided.
• Dress appropriately
• Bring: water, hat, bug spray, sunscreen, snack, etc.
• Arrive 15 minutes before the actual teaching will begin. This will give you a chance to coordinate briefly with station leader and other volunteers

  Morning sessions begin at 9:30 (so arrive by 9:15);
  Afternoon sessions begin at 12:20 (so arrive by 12:05)
• It takes a minimum of 20 minutes to get to the campground from campus
• Park at the Wind Caves parking lot (see map)

General Guidelines

When you get to Guinevah-Malibu:

• Check in with station leader, who is there to help you. Decide who will teach the lessons (eg. watch the first time, do it the second time).
• You represent USU and the partner agencies—behave appropriately, respectful of the students, teachers and the environment. Role model respectful behavior.
• Engage teachers and parents.
• Tips and tricks for outdoor discipline: bring wild kids to the front or at close proximity, engage kids in questions, observations, ask the teacher how he/she typically restores order.
• Emphasize integration, observation and questioning, how the watershed connects all the stations.
Fostering learning

- Celebrate flexible and creative approaches
- Your students will catch your enthusiasm for the topic
- Keep a safe environment
- Work with teachers on how to manage kids
- Use inclusive language
- Encourage questions and feedback
- Admit it if you don’t know.

- Help create a fun, engaging, and hands-on learning environment for the students.

Natural Resources Days
Map & Rotation Info - Logan Canyon Site

How rotation works:
Students will attend either the two upstream or downstream sessions in the morning, then move to the other end of the campground for lunch and their afternoon sessions.

Rotation Schedule:
- 9:30 to 10:45 – Rotation 1
- 10:45 to 11:35 – Rotation 2
- 11:40 to 12:15 – Lunch
- 12:20 to 1:10 – Rotation 3
- 1:15 to 2:05 – Rotation 4
- 2:10 – Load Buses

Bus Drivers:
Unload students at their morning sites – teachers will know their first station – then park at the opposite end of the campground.

Lunch:
Lunches will be available for pick up at your box, which will be parked near your two afternoon sessions.

Volunteers:
Parking is across the highway from campground entrance
Please dispose garbage in dumpsters located by the entrance.
Natural Resources Days
Map & Rotation Info for Rain Days
Logan Fairgrounds - 450 S. 500 W. Logan, UT

Rain Day Protocol:
Two days will be announced the morning of 5/11 days. Volunteers and site leaders will be notified via text messaging or by phone. Schools are locate will be notified immediately.

Map & Rotation Info:
The site director will note what station students will report to next, and direct volunteers where to go for the day. Volunteers will be for 30 minutes with 5 minutes to rotate to station.

Bus Onsite:
Students and leaders through the entrance only. Drop off at entry and park in the parking areas exits of the fair
ground.

Volunteers:
Please park at the Logan City Aquatic Center parking lot and proceed to the volunteers check in immediately upon arrival.

*Lunch*
Dine in Aquatic Center if you wish to eat your lunch at the fairgrounds or at your school.

Section Schedule Rain Day:
- 9:00 to 10:00 - Station 4
- 10:00 to 11:00 - Station 3
- 11:00 to 12:00 - Station 2
- 12:00 to 1:00 - Station 1
- 1:00 to 2:00 - Station 2
- 2:00 to 3:00 - Station 3
- 3:00 to 4:00 - Station 4
- 4:00 to 5:00 - Station 2