



**LEEP Spring Field Trip Schedule
May 15, 2019**

Location: Carol Andresen, Ted Eastlund home, 13920 East Mail Road, Gordon 54838; next to Mooney dam. Ph: 715-376-4681

7:50: Volunteer & Faculty Arrive (see volunteer schedule for action details)

8:00-8:15: Faculty Orientation with Cris Neff and Melissa Kjelvik

8:15-8:25: Module leaders review teaching plan with assistants and verify equipment

8:25-9:00: Tour Food/Energy "Woodland Trails" with Ted Eastlund

8:35 Students depart school

9:05: Students arrive

9:05-9:15: (10min) Overview with students

- **Safety reminder, stay in pairs, report injury, life jackets, eye protection, spray**
- **Pass out cameras and lab books- discuss record keeping and proper use of cameras**
- **Divide into morning group assignments (A, B, C). Inform students of different afternoon group assignments**

Macros: Jeremy Bates, Andy Teal, Sally Pease, Lance Uselman, 2 HS helpers

Shoreline Restoration: Travis Tulowitzky, Diane Rupnow, Dara Fillmore, Helen Ewoldt

Tree Study: clinometer: Bob Cochrane+ Jack Gribble +HS Helper, **tree boring:** Andrew Wilcox + Marty Olson, **tree ID:** Barbara Reuss+Diane Menard+ HS helper

Morning Rotations (3 rotations, 40 minutes each):

9:15-9:55: (40min) 1st Rotation

9:55-10:00: (5min) Cookie Break

10:00-10:40: (40min): 2nd Rotation

Students Rotate-No Break

10:40-11:20: (40min) 3rd Rotation

11:20-11:30: (10min) Wrap-up with all lab faculty leaders (all gather)

11:30-11:40: (10min) Lunch Break

Afternoon Rotation

11:40-11:45: (5min) Brief Overview of Scavenger Hunt with Cris Neff

11:45-2:00: (135min) Scavenger Hunt (see separate schedules for each)

- **Aquatic Studies**

- **Water Quality:** Bob Cochrane, Diane Rupnow & HS Helper
- **Aquatic Plants:** Andy Teal & HS helper
- **Critical Habitat:** Jeremy Bates & HS helper
- **In canoe** (Sally Pease & Helen Ewoldt)
- **On shore:** Scott Peterson & 2 HS Helpers

- **Woodland Trails**

- Cris Neff, Barbara Reuss, Diane Menard, Travis Tulowitzky, Dara Fillmore, Jack Gribble, Lance Uselman, Andrew Wilcox, Linda Mackley

12:50-12:55: (5min) **Scavenger Hunt Switch**

- 14 students change to Woodland Trails, 15 students change to Aquatic Studies

2:00: Finish Afternoon Rotations

- All students take completed lab books & cameras to table and then go to beach
- Volunteers take canoe race photos w/student cameras.

Canoe Races (25 min)

2:00-2:05 (5min) Instructions given by Jeremy Bates

2:05-2:20 (15min) Two canoe races

2:20-2:30: (10min) Field Trip Wrap-up

- Award Medals
- Thank our Hosts, student helpers (four 11th graders), faculty, COW
- Full group photo, students and faculty

2:30-2:40 (10 min) Students walk to dam with Andy Arthur

- Volunteers score lab books, transfer points to front page
- HS helpers load canoes on trailers
- Melissa will take cameras and lab books to prep for classroom use

2:40 Students load bus for departure

3:05-3:10 Arrive school

Spring 2019 Aquatic Studies Review

11:45 am-2:00 pm

Melissa Kjelvik: time keeper (check that students are filling out lab/ taking photos)

Scott P. & 2 HS student helpers launch canoes and monitor safety

11:45-11:50: (5min) Instructions for logistics of Aquatic Review (Jeremy/Melissa)

- **16 students in 8 canoes:**
 - **Group A: Canoe 1, 3, 5**
 - **Group B: Canoe 7, 9**
 - **Group C: Canoe 11, 13**

Group A paddles to Aquatic Plants (Andy T. & HS helper anchored in canoe)

- Students ID plants in canoe- Andy has books, rakes, buckets

Group B paddles to Critical Habitat (Jeremy with HS student in an anchored canoe, Sally and Helen in canoe)

- AquaScopes and CH ID laminated sheets

Group C paddles to Water Quality (anchored pontoon boat: Bob, Diane Rupnow, and Dennis Backlund as driver, one HS helper to hold canoes steady) with supplies on pontoon

Rotation Times:

11:50-12:10 (20min) First Rotation (Group A – AP, Group B – CH, Group C – WQ)

12:10-12:30: (20min) Second Rotation (Group A – CH, Group B – WQ, Group C – AP)

12:30-12:50: (20min) Third Rotation (Group A – WQ, Group B – AP, Group C – CH)

12:50-12:55: (5min) Scavenger Hunt Switch:

- 14 students change to Woodland Trails -15 students change to Aquatic Studies

12:55-1:00: (5min) Instructions for logistics of Aquatic Review (Jeremy/Melissa)

- **13 students + one HS volunteer in 7 canoes:**
 - **Group A: Canoe 2, 4, 6**
 - **Group B: Canoe 8, 10, 12**
 - **Group C: Canoe 14, 15**

1:00- 1:20: (20min) First Rotation (Group A – AP, Group B – CH, Group C – WQ)

1:20-1:40: (20min) Second Rotation (Group A – CH, Group B – WQ, Group C – AP)

1:40-2:00: (20min) Third Rotation (Group A – WQ, Group B – AP, Group C – CH)

2:00 Finish: All students take completed lab books and cameras to table and go to beach.