

Arizona Rivers Workshop - DRAFT
July 17-20, 2008; Mingus Springs; Mingus Mt, AZ

1. Thursday, Jul 17

- 3:00 Camp's open for check-in
- 3:30-4:30 General Registration
- 4:30 Camp orientation
- 5:00 Introductions
 - AZrivers/GLOBE objectives(UA/JW)
- 6:00 Dinner
- 7:00 Field methods briefing
 - Life Sci. – Macro Invertebrates
 - HWHP sorting activity (MW)
- 8:30 Field trip preparation

2. Friday, Jul 18

- 7:00-7:30 Breakfast
- 7:45 Vans leave for field
- 9:00-11:30 Montezuma's Well
 - Life Sci. in the field – Stream/Well ecology (Clay Runck, ecologist)
- 11:30 Sack lunch (90) Beaver Ck (macros, David Smith, USFW)
- 2:30 Mingus Creek
 - Life Sci. in the field – Riparian Arthropods Robert Delph, NAU
- 4:15 Vans leave for camp
- 5:45 Clean-up
- 6:00 Dinner
- 7:00 GLOBE background (MW)
- 7:30 GLOBE data entry demo(JW)
- 8:00 Field Trip Preparation

3. Saturday, Jul 19

- 8:00-8:30 Breakfast
- 8:45 Field methods briefing
 - Physical Sci. -Water Quality
 - Intro (MW)
 - WQ calibration (ML)
- 10:30-11:45 Mingus Creek (UA/GLOBE)
 - GPS (JW)

- Physical Sci. in the field - GLOBE Water Quality (UA)

- 12:00 Lunch (45) Mingus Springs
- 1:00 Field methods briefing
 - Life Sci. – Riparian Plant ID (Emma Benenati, NPS)
- 3:00 Plant Biodiversity index (JW)
- 4:00 Implementation
 - Project discussion
 - Project & Research ideas
 - Connecting with Mentors
- 6:00 Dinner
- 7:00 Field methods briefing
 - Life Sci. – Bird ID/calls (MW)
- 8:00 Field trip preparation

4. Sunday, Jul 20

- 8:00-8:30 Breakfast
- 8:30-9:00 Camp clean-up and check-out
- 9:15 Vans leave for field
- 10:15 am - 12:15 Deadhorse SP
 - Life Sci. in the field – Birds (Tice Supplee, AZ Audubon)
 - Life Sci. in the field – Plants (JW?)
- 12:30 Sack lunch in field
 - Evaluation & Graduation
- 1:30 End Teachers workshop

Orange – Science as Inquiry
Green – Life Science
Brown – Earth Science
Blue – Physical Science

Note: while in the field we will cover:

- Science as Inquiry
 - Classroom implementation
 - Promoting student inquiry