

Arizona Rivers Workshop
Nov 14-16, 2008; AZ Ag Teachers Assoc. training
Phoenix College, Dalby 106, 11th & W. Thomas Rd, Phoenix, AZ

1. Friday, Nov. 14 – PC: Dalby 106

- 4:00 Introductions
- 4:15 Overview of AZrivers program (MPLW)
- 4:30 Field methods briefing – Intro. to riparian monitoring
 - Physical Sci. -Water Quality (MPLW)
 - Life Sci. – Macro Invertebrates (JS)
- 5:00 Group rotations
 - Basic WQ testing: temp, EC & pH (MPLW)
 - Macro sorting activity (MPLW & JS)
- 5:50 Data analysis & Questions (JS & MPLW)
- 6:00 Intro. Session ends
Dinner on your own

2. Sat, Nov. 15 – Rio Salado AM

- 8:00 Meet at Rio Salado
- 8:15 Rio Salado fieldwork
 - Macroinvertebrates (JS)
 - Why we need protocols? Temp. (MPLW)
 - Where are we? GPS (EO)
- 10:30 Return to Parking lot
- 10:45 Return to Phoenix College
- 11:00 Field Preparation
 - Physical Sci - WQ calibration (MPLW)
- 12:30 Lunch (provided)
- 1:30 Riparian Issues (EO)
- 2:00 GLOBE background (MPLW)
- 2:15 GLOBE data entry demo (MPLW)
- 2:45 Field methods briefing
 - Life Sci. – Ecologic Sampling (Phil Pepe & Elena Ortiz, PC)
 - Riparian Plant ID (EO)

- Plant Biodiversity index

- Bird ID/calls (MW)

- 5:00 Field Preparation
- 5:20 End of day – dinner on own

3. Sun, Nov. 16 – Rio Salado AM

- 7:30 Meet at Rio Salado for bird walk
 - Bird Walk (AZ Audubon)
- 8:30-10:30 Rio Salado fieldwork
 - Life Sci. in the field – Plants (EO & PP)
 - Physical Sci. in the field - Water Quality (JM)
- 10:45 Looking at the data (in Ramada)
- 11:30 Return to Phoenix College
- 12:00 Lunch (provided)
- 1:00 Classroom issues (JM)
 - Classroom implementation
 - Promoting student inquiry
- 2:00 Implementation (JM)
 - Project discussion (all)
 - Project & Research ideas
 - Connecting with Mentors
- 3:30 Evaluation & Graduation (MPLW)
- 4:00 End Teachers workshop

Orange – Science as Inquiry

Green – Life Science

Blue – Physical Science