

Arizona Rivers Workshop
May 12-14, 2008; Phoenix College; Dalby 106

1. Monday, May 12

8:30 Registration

9:00 Introductions

- Program Overview
- Riparian Issues

9:45 Break (15)

10:00 Scientific methods –

- Why use Protocols?
- Examples of projects or possible projects

11:10 Intro to GLOBE

11:45 Lunch at PC (45)

12:30 Field methods briefing

- Scientific methods - Why bother with GPS & Mapping
- Earth Science briefing – stream channel descriptions
- Life Science briefing - Ecologic Sampling

2:00 Break (15)

- Life Science briefing - Birds
- Life Science briefing – Macro Invertebrates

4:10 Field Trip Preparation

4:30 Adjourn

2. Tuesday, May 13

8:30 Vans leave PC for field

9 am- 11:30 Rio Salado field trip

- Site overview
- Life Sci. in the field - Birds
- Life Sci. in the field - Macro-invertebrates & Crayfish

12:00 Lunch at PC (45)

12:45 Viewing Macro-invertebrates

1:30 Data analysis

- What do you do with the data?

2:00 Break (15)

2:15 Field methods briefing (split group)

- Physical Sciences -Water Quality
- Life Science - Plants

4:15 Field Trip Preparation

4:30 Adjourn

3. Wednesday, May 14

8:30 Vans leave PC for field

9 am- 11:30 Rio Salado field trip

- Stream Channel Description - slope and morphology
- Physical Sci. in the field - Water Quality
- Life Sci. in the field - Plants

12:00 Lunch at PC (45)

12:45 Data Analysis

- What do you do with the data?
- GLOBE data archive

2:15 Break (15)

2:30 Implementation

- Class management
- Project discussion
- Connecting with Mentors
- Asking Science questions
- Project & Research ideas

4:00 Evaluation & Graduation

4:30 Adjourn

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