

Arizona Rivers Workshop
June 15-18, 2008; Biosphere 2; Oracle, AZ

1. Sunday, Jun 15

2:00 Casita's open for check-in
3:00 General Registration
4:00 Group tour
5:00 Introductions

- Program Overview

6:00 Dinner

2. Monday, Jun 16

7:00-8:00 Breakfast
8:00 **Scientific methods**

- Riparian Issues
- Why use Protocols?
- Why use GPS?

10:00 Break (15)

- Examples of projects or possible projects

11:00 **Intro to GLOBE**

- Program, Data base, Analysis

12:00 Lunch at PC (45)
12:45 Field methods briefing

- Life Sci. – Macro Invertebrates

2:00 Break (15)

- Life Sci. – Insects
- Life Sci. - Birds

4:10 Field Trip Preparation
6:00 Dinner

3. Tuesday, Jun 17

6:30-7:30 Breakfast
7:00-8:00 Early morning bird watching
8:00 Vans leave for field
8:30 am- 11:30 CDO field trip

- Site overview
- Life Sci. in the field - Macro-invertebrates
- Life Sci. in the field – Insects
- Life Sci. in the field – Birds

12:00 Lunch in Catalina (60)
1:15 **Viewing Macro-invertebrates**
1:45 **Data analysis**

- Looking at the data?

2:15 Break (15)
2:30 Field methods briefing

- Physical Sciences -Water Quality
- (4) Life Science – Plant transects

5:15 Field Trip Preparation
6:00 Dinner

4. Wednesday, Jun 18

6:30-7:30 Breakfast
7:30 Vans leave for field
8 am- 11:00 CDO field trip

- Physical Sci. in the field - Water Quality
- Life Sci. in the field – Plants

11:30 Lunch in Catalina (60)
12:30 **Data Analysis**

- Looking at the data?
- GLOBE data entry

2:00 Break (15)
2:15 Implementation

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

4:15 Evaluation & Graduation
4:30 End Teachers workshop

Begin RRE – students and guests only

6:00 Dinner

5. Thur, Jun 19

6:30-7:30 Breakfast
7:30 Vans leave for field
8 am- 2:30 Aravipia field trip

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