

Student Management in the Field:

- Safety
 - Conduct pre-visit site evaluation
 - Identification of possible hazards:
 - allergic reactions
 - steep/rocky terrain, water culverts, etc.
 - biohazards (Africanized bees, rattlesnakes, etc.)

- Classroom Prep
 - parent contact/info and volunteer recruitment (minimum 10/1 ratio)
 - emergency medical forms
 - field preparation of students:
 - proper attire and equipment (sunscreen, hats, WATER, food, etc)
 - task assignment/roles and student grouping (coordinate with adult volunteers)
 - safety review
 - practice field techniques (water quality, measuring methods, species collection/identification, etc)
 - equipment preparation (chemical refills, carrying totes, waste containers, clean-up equipment, etc.)
 - transportation and admin approval (arrange at least 4 weeks prior to trip and then call transportation one week and again one day before planned trip)
 - get all site clearances done well in advance and check for any additional restrictions/paperwork required at site

- Field Management (Middle-School-cat-herding)
 - well-defined tasks and pre-assigned individual responsibilities
 - established time frames for activities and group meeting times
 - periodic coordination meetings/equipment exchange/snacks and health check
 - field analysis of data
 - equipment recovery
 - student & volunteer recovery (remember – 90% is an “A”!)

- Post Field Trip
 - data synthesis and analysis
 - data entry
 - discussion of future investigations/explorations
 - disinfection and storage of field equipment