

KEEP THIS INFORMATION! FSCE YEAR SCHEDULE

Any questions call 573-437-7628!

EC's cell # is 573-205-6749 for questions only during travel on program days.

Field Science Career Experience



Please attend every program, for you are already paid for! --Thanks!

The Field Science Career Experience Program TENTATIVE SCHEDULE:
(Schedule may change due to conflicts; we will try to work with your schedule.)

January 24th (Monday) 4:30-7:30pm at Earth's Classroom:

NATURAL RESOURCE MANAGEMENT/FIRE ECOLOGY: Learn the scientific tools used to managing scientific problems. In this case we focus on natural resource management by using the power of fire ecology. And, if suitable, assist/observe in doing a controlled burn. *You must bring: a mug for hot drinks, head lamp, appropriate, warm clothes HOWEVER, (if burn conditions are good) have cotton on the outside layer (examples; flannels, canvas jacket, jeans, cotton pants, etc.), leather boots or lace up shoes, leather/cotton gloves, bandanna, food to carry and drinking water. If you have the choice between contacts and glasses for your eyes, wear contacts.*

February 9th (Wednesday)—4:30pm-7:30pm at Earth's Classroom:

CULTURAL PRE-HISTORY: MASKS MANDATORY Spend time discussing over artifacts, skills and known information about the Native Americans of our area and their interrelationship to the resources. *You must bring: appropriate, warm clothes for being outside, at LEAST TWO LAYERS on your legs, etc. and a personal mug for warm drinks. Be prepared to hike—even if in snow. Please eat at least a snack before program begins.*

February 23rd (Wednesday) 4:15pm- 7:30pm at Earth's Classroom:

SUSTAINABLE TECHNOLOGIES/CLIMATE SCIENCE: MASKS MANDATORY What is sustainable? Visit a home that is designed with passive and active solar and built in a self-sustainable way. Look at and discuss vehicle technology. We will meet at Earth's Classroom then carpool/caravan 4 miles to a residential home. *You must bring: appropriate, warm clothes for being outside, and a personal mug for warm drinks. Please eat at least a snack before program begins. Be prepared to carpool at 4:20pm.*

March 13th (Sunday) 10:30am-6:00pm at Riverlands Audubon Center:

ORNITHOLOGY: Learn unique natural history and identification skills (sight and sound) of our native birds with binoculars and spotting scopes. We will have an amazing guest speaker. E.C. will provide spotting scopes, binoculars and other educational equipment. *You must bring: appropriate, warm, warm, warm clothes for being outside. Bring your lunch to eat at the center and \$ for a quick dinner during the ride home. Bring your own binoculars if you have them. We will meet in Washington, MO at Lowe's parking lot (back of lot closest to hwy 47). We will then caravan to West Alton area for exploration at the Riverlands Audubon Center.*

March 23rd (Wednesday) 4:15pm-8:30pm at Earth's Classroom:

LIMNOLOGY: Learn unique natural history and identification skills related to the life of freshwater systems. We will meet at Earth's Classroom but then carpool/caravan 1.5 miles to the Bourbeuse River. E.C. will provide all educational equipment. NOTICE: This course runs late, for we will be working with you on how to do an appropriate "interpretive program" for your elementary students. *You must bring: shoes and pants/shorts to get wet in, change of WARM dry clothes (including underwear) and please eat at least a snack or supper before program begins. Please be prepared to carpool for 5 minutes at 4:20 pm.*

April 6th (Wednesday) 4:30pm-7:30pm at Earth's Classroom

HERPETOLOGY: Learn unique natural history of our native reptiles and amphibians and different symbiotic relationships. *You must bring: appropriate, warm clothes for being outside, and waders or rubber boots if you own them. Please EAT or bring food before program begins.* This is a VERY important course to attend, for we will be using some time to thoroughly discuss details on the canoe trip for the last 1.5 hours! Your parents are welcome at 7pm.

May 1st (Sunday) 11:00am-5:00pm at Meramec State Park, Fisher Cave!:

GEOLOGY: BRING \$6 Discover the interrelationships of chemistry and biology found within our local geology. Explore an amazing geological feature! A detailed itinerary and gear list will be sent to you soon.

End of April or May— Date to be determined by you and your choice of teacher: 45-

MINUTE to HOUR PRESENTATION: Present, in solo, to an elementary classroom from your own school district with assistance from E.C. and interpret a subject you have the most interest in.

June 13th—15th, 2022 (Monday--Wednesday) back-up dates are June 15th--17th

3-DAY, 2-NIGHT ECOLOGY CANOE TRIP: (55 hours!) Discover how studies of all life are put together in a tight interrelationship as we travel and collect samples down the upper Meramec River. Learn canoeing skills, natural and cultural history of the Meramec, sight and sound identification skills, and a bit about all the flora and fauna around us. Other professionals will be visiting us on our adventure. *A detailed gear list of what E.C. will provide and what personal items you should bring will be given closer to the date of trip.*

Once all 31 hours of courses, 55 hours of ecological learning/canoe-trip, and an hour presentation are completed, a Certificate of Achievement for 90 hours of career experience will be awarded. This certificate will carry the EC and sponsors' logos.