

PROGRAM INFORMATION

MISSION STATEMENT

WOW National Outdoor Recreation and Conservation School is designed to teach participants how to enjoy a wide range of outdoor recreation activities while practicing personal safety and outdoor responsibility. Each WOW course will include an outdoor skill, conservation, safety, and ethics component.

GENERAL INFORMATION

WOW School is designed as an annual event that offers a comprehensive educational program through selected courses and workshops. Some courses are designed to provide a complete range of instruction, while others deal with only one topic. Each year, the program will vary depending on requests and previous participation.

LOCATION

WOW School will be held the weekend of October 6-8, 2023, at Roaring River State Park, which is located just seven miles south of Cassville, Mo., on Highway 112. Registration and check-in will be located inside the Emory Melton Inn and Conference Center. For detailed information about Roaring River State Park, log on to www.mostateparks.com/roaringriver.

AGE REQUIREMENTS

Participants must be five (5) years of age or older to attend WOW School classes; however, children ages 5-8 must be registered for Kids Camp for Saturday and Sunday (see below). Children ages 9-12 must be accompanied by an adult to all classes and program activities. (This means that the adult/guardian must be registered for and attend the same class as the child.) Discretion will be left to the parent or guardian to determine whether a child aged thirteen (13) or older is capable of attending classes unsupervised. All individuals who attend any WOW School class must be registered for that class. (Some classes may have other age restrictions or requirements, see class descriptions.)

KIDS CAMP

Designed for children five (5) to eight (8) years of age, the Kids Camp offers exciting outdoor activities in a summer camp-like setting. Located in Roaring River State Park, Kids Camp is fun-filled and full of educational activities that are designed to teach and inspire a child's natural curiosity about nature and the great outdoors. The registration fee for the Kids Camp is \$60 per child. Kids Camp is held all day, Saturday and Sunday. Please note children 5 and up will attend Friday afternoon and evening classes with their parent or guardian.

PROGRAM CHANGES

Organizers reserve the right to cancel, reschedule or relocate any proposed offering without prior notice. Insufficient enrollment or emergency cancellations by the instructor are examples of why a program offering could be canceled. Organizers also reserve the right to substitute instructors if necessary.

SPECIAL NEEDS

In compliance with the Americans with Disabilities Act, WOW School will make all reasonable efforts to accommodate persons with special needs. Please include special instructions or notes in your online registration stating any special accommodation you may have.

REGISTRATION

WOW School registration is now **online**. To register online, please visit <https://wondersofwildlife.org/education/wow-school/>. Registration opens at 9:00am on August 15, 2023 and closes September 20, 2023. Registrations received after September 20, 2023, will be accepted only if space is available and are subject to a nonrefundable \$10 late fee.

TO REGISTER FOR WOW, YOU MUST:

- Visit: <https://wondersofwildlife.org/education/wow-school/>
- If you are unable to register online, email edu@wondersofwildlife.org or call 417-225-1162.
- Participants ages 9-12 must be enrolled in the same course with a parent or guardian, with a maximum of two children per parent or guardian. Participants ages 5 to 8 will attend regular courses with their parent/guardian on Friday only. For Saturday and Sunday, children ages 5 to 8 must be registered for Kids Camp.
- Classes fill up quickly. When registering online, only the classes with availability can be seen for each time slot.
- Registrations received after Sept. 20, 2023, will be accepted only if space is available and will be subject to a \$10 late fee.
- Financial assistance is available, see link below:
<https://wondersofwildlife.org/education/scholarship/>

CANCELLATION POLICY

Cancellation and refund requests must be submitted via email to edu@wondersofwildlife.org prior to September 20, 2023. All refunds are subject to a \$10 non-refundable service fee. Absolutely no refunds will be given after September 20, 2023.

CONFIRMATION

Participants will receive a confirmation email after registration has been completed. If you do not receive an email confirmation after completing registration, be sure to check your spam/junk inboxes. The email will provide a list of classes in which the participant has successfully been enrolled. Please check the course booklet for any class instruction including required attire, driving requirements, etc. The confirmation letter is meant to ensure that participants are aware of their responsibilities and expectations before arriving at WOW School as well as any updated information for participants.

TRANSPORTATION

Individuals are responsible for their own transportation to classes and program activities. Most classes are within a short drive or walking distance of Roaring River State Park facilities with a few exceptions. Some classes will be held off park property and require you to provide your own transportation. Please keep this in mind as you schedule your classes. You will receive detailed information regarding off-site courses in the confirmation letter.

ACTIVITY LEVEL GUIDE

To help participants anticipate each course and know what physical levels to expect, an activity rating system has been created. Listed in the course catalog, you will find an activity level rating for each course.

- **Low** - Requires minimal physical skills/endurance. Ex. Lecture based and hands on activities in a classroom setting.

- **Moderate** - Requires moderate physical skills/endurance. Ex. Lecture based and hands on activities while standing and short walks.
- **High** - Requires high levels of physical skills/endurance. Ex. Lecture based and hands on activities while standing, hiking, paddling, lifting and full body movement.
- **Extreme** – Requires the highest level of physical skills/endurance with added emotional engagement/participation. Ex. Hands on activities after instruction while experiencing, heights, confined spaces, crawling and full body movement.

AUCTION

Silent auction items start at WOW School Headquarters (Emery Melton Inn) on Friday. These items will be moved to the Saturday dinner. Winners of live auction items will receive a numbered tag and may pay for and pick up their items after the auction or on Sunday at registration. Make sure you join us for the excitement! Remember credit cards are accepted! All money raised will go back to WOW School, so we can make next year even better.

MEALS

There will be a fish fry on Saturday night beginning at 6:00 p.m. that is included with the price of your registration. Additional meal tickets can be purchased at the registration desk for \$10. If you prefer a non-meat option for the Saturday night meal, please note this in your online registration. All other meals will be on your own unless otherwise stated in the course descriptions.

LODGING/CAMPING

Lodging arrangements and expenses are the responsibility of the individual participant. Various options are available at Roaring River State Park including hotel rooms, cabins and camping. For hotel and cabin reservations at Roaring River State Park call 417-847-2330.

Reservations for camping can be made by calling 877-422-6766 or you can visit www.mostateparks.com. Due to the popularity of the WOW school, reserving your campsite as early as possible is highly advised. If you have any problems reserving a campsite, please call the park office at 417-847-2539. Roaring River State Park also offers other campsites that are available only on a first-come, first-served basis. These campsites can be difficult to obtain, so early arrival is advised.

For information on other lodging accommodations, please contact the Cassville Chamber of Commerce at 417-847-2814 or online at www.cassville.com.

FINANCIAL ASSISTANCE

Financial assistance for registration will be available for participants based on need. To apply see link below:

<https://wondersofwildlife.org/education/scholarship/>

During WOW School classes:

A fishing license, hunting license and/or trout tags are not required while participating in a WOW School instructed class. Missouri law requirements for fishing license, hunting license, and trout tags apply all other times.

LOCAL PARTNERS AND SPONSORS

Midwest Flies
MOPARKS, Inc.
Roaring River State Park
Paw Paw Patch Production
Roaring River MDC Hatchery
First Earth Wilderness School
Eagle Rock COE Campground
Missouri Conservation Federation
Bass Pro Shops – Springfield Store
Bass Pro Shops Conservation Department
U.S Forest Service
Missouri State Parks
Upper Edge Adventures
USDA Army Corps of Engineers
Wonders of Wildlife
Dogwood Canyon Nature Park

COURSE SCHEDULE

FRIDAY 1:30PM – 5:00PM

BASIC KAYAKING

Capacity: 14 (High)

Learn the basics of flatwater kayaking, including equipment, entry and exit, strokes, safety, water, and wind. By the end of the class, you will feel more comfortable on the water, have a better understanding of the safety risks around you, and will have had some fun! Participants will have time to practice and explore. Dress appropriate for water sports.

***This class will be held off-site, you will need to provide your own transportation (about 15 minutes from the park, located at Eagle Rock Campground Access). ***

(Ages 10+)

Instructor: Taylor Ratcliff, MO State Parks

BEGINNING FISHING

Capacity: 20 (Moderate)

Are you new to fishing? No problem! This course offers participants the basic information on fishing outfits including rods and reels, line and lures. You will also learn proper techniques for tying knots, and lure retrieval as well as what lure/bait to use for which species of fish. Please wear comfortable clothing and be prepared for the outdoors and weather conditions.

***This class will be held off-site, you will need to provide your own transportation (about 15 minutes from the park, located at Eagle Rock Campground Access). ***

(All Ages)

Instructor: Tim Smith, Missouri Department of Conservation

CLEANING UP FOR WILDLIFE

Capacity: 20 (Low)

Let's put a spin on "Reduce, Reuse, & Recycle" by using that old trash to make something that our wildlife can actually use! In this relaxing and fun course, we'll be crafting items such as hummingbird feeders and wren houses completely out of recycled materials! Cleaning up the planet for our wildlife has never been more rewarding!

(All Ages)

Instructor: Derick Hoogendoorn & Tyler Cummins, USDA Forest Service

FAMILY CAVE HIKE

Capacity: 30 (High)

Join a Roaring River State Park Interpreter to explore two small caves. We will discuss the unique geology of Roaring River State Park and learn how caves have been used throughout our state's history. This is a 1.5-mile hike around Devil's Kitchen Trail. Please wear closed-toed shoes, clothes that can get a bit dirty, and bring a flashlight!

(All 7+)

Instructor: Luke Scott, Roaring River State Park

FAMILY DUTCH OVEN COOKING

Capacity: 16 (Moderate)

This is a family-oriented Dutch oven cooking class, which will include the many different uses of Dutch ovens in preparing your meals. Each family member will have an opportunity to prepare part of a six-course meal! You will be required to sample your own cooking. You will also return home with newfound confidence and some recipe ideas for your next outdoor adventure.

(Ages 12+)

Instructor: Dr. Larry Quinalty, Dutch Oven Cooking Specialist

HATCHERY TOUR & FISH PRINTING

Capacity: 20 (Moderate)

Step back in time as we talk about the tradition of trout rearing and fishing here in the Ozarks! This activity includes a leisurely stroll through the historic Roaring River Trout Hatchery followed by *Japanese* Gyotaku fish printing and other trout-themed crafting. This class is perfect for the whole family!

(All Ages)

Instructor: Becky Day, Dogwood Canyon Educator

OVERNIGHT CANOE TRIP

Capacity: 12 (Extreme)

Canoe camping is a course about the fundamentals of paddling and camping out overnight for extended periods. This course will include available resources, trip planning, equipment, safety, meal preparation activities, and conservation practices. You will be camping overnight and are responsible for clothing suitable for the weather and getting wet. All other gear will be provided. All participants must wear a PFD. You can either bring your own or one will be provided for you. All participants must be good swimmers and all participants under 18 must have a parent or guardian on this trip. Please be prepared with snacks, water, and sun protection. Participation in a beginning canoeing or kayaking class OR having previous experience in canoeing or kayaking is required. We will be paddling at least 5 miles each day.

***This class will begin at Emory Melton Inn parking lot. A shuttle will transport participants to Eagle Rock Marina Access). ***

This is a multi-session class: You must take ALL sessions.

Multi-Session: Friday 1:30 PM – 5:00 PM
Friday 7:00 PM – 9:00 PM
Saturday 8:30 AM – 12:00 PM

(Ages 16+) ***18 and under must be accompanied by an adult.**

Instructor: Beth Ussery & Michelle Cornell

SNORKELING

Capacity: 10 (Moderate)

Learn about different snorkeling gear and techniques to use in the water. Once we are comfortable with the gear on land, we will put the gear to use underwater and experience a whole new world.

***This class will be held off-site, you will need to provide your own transportation (about 15 minutes from the park, located at Eagle Rock Campground Access). ***

(Ages 10+)

Instructor: Carrie Bond, USDA Forest Service

FRIDAY 7:00PM – 9:00PM

JUMPING FROG DISSECTION

Capacity: 16 (Low)

Discover the unique characteristics of amphibians and have a ribbet-ing time learning more about frogs! Did you know frogs can breathe and drink through their skin? You will learn cool facts like this, as well as investigate the internal and external anatomy through a frog dissection! Be sure to join us for this toad-ally awesome class!

(All ages)

Instructors: Ashlyn Ogan, Wonders of Wildlife Educator

MAMMALS OF THE OZARKS

Capacity: 50 (Low)

Get to know the mammals in your backyard and even your local creeks and lakes. Learn something interesting and exciting about our furry neighbors! Real mammal pelts will appear for identification and to touch, followed by an interactive discussion about each mammal.

(All ages)

Instructors: Aland Bland, U.S. Army Corps of Engineers Beaver Lake

OWL PROWL

Capacity: 20 (Moderate)

Have you ever thought about who's hooting in your backyard? Come join us for this night hike while we search and call for the owls that call Missouri home! Participants will have a chance to try out their own owl hoots and, if we're lucky, we will hear or see a few on our journey! Along the way, we will investigate and answer lots of questions that shroud these night fliers in mystery.

(All Ages)

Instructors: Nettie Sitting-up Perez, USDA Forest Service

OVERNIGHT CANOE TRIP (CONTINUED)

Capacity: 12 (Extreme)

Canoe camping is a course about the fundamentals of paddling and camping out overnight for extended periods. This course will include available resources, trip planning, equipment, safety, meal preparation activities, and conservation practices. You will be camping overnight and are responsible for clothing suitable for the weather and getting wet. All other gear will be provided. All participants must wear a PFD. You can either bring your own or one will be provided for you. All participants must be good swimmers and all participants under 18 must have a parent or guardian on this trip. Please be prepared with snacks, water, and sun protection. Participation in a beginning canoeing or kayaking class or having previous experience in canoeing or kayaking is required. We will be paddling at least 5 miles each day.

***This class will begin at Emory Melton Inn parking lot. A shuttle will transport participants to Eagle Rock Marina Access). ***

This is a multi-session class: You must take ALL sessions.

Multi-Session: Friday 1:30 PM – 5:00 PM
Friday 7:00 PM – 9:00 PM
Saturday 8:30 AM – 12:00 PM

(Ages 16+) ***18 and under must be accompanied by an adult.**

Instructor: Beth Ussery & Michelle Cornell

SPIDER SNIFFERS

Capacity: 30 (Moderate)

How many eyes? That's too many legs! Spiders' anatomy can make them seem creepy, but these unique features are the tools that they need to live their quirky lifestyle. The whole family is welcome to come and learn about spider species during this interactive program. Participants will have the opportunity to join the secret society of spider sniffers. You will need a flashlight!

(All Ages)

Instructor: Anna Skalicky, Roaring River State Park Naturalist

TALK LIKE A HILLBILLY

Capacity: 50 (Low)

Have you ever wondered what some native Ozarker's are saying? In this class, we will discuss the origins of our language as well as the sayings and their meanings that have been prevalent as long as people have lived in these hills.

(All Ages)

Instructor: Tim Smith, Missouri Department of Conservation

WILDLIFE TRIVIA

Capacity: 50 (Low)

Join us for this classic game to test your nature knowledge! Prove your expertise on wildlife identification, tracks, sounds, and more! This is fun for the whole family, but also challenging enough for the enthusiast!

(All Ages)

Instructor: Adam Miller, Ozarks Heritage Preserve Educator

SATURDAY 8:00AM – 5:30PM

KIDS CAMP

Capacity: 20

The Kids Camp, located in Roaring River State Park, offers lots of exciting outdoor educational activities that will help inspire a child's natural curiosity about nature and the great outdoors.

(Ages 5-8)

Instructor: Hannah Martin & Kevin Plath, Wonders of Wildlife
Saturday: 8 AM – 5:30 PM
Sunday: 8 AM – 5:30 PM

SATURDAY 8:30AM – 12:00PM

ARCHERY TAG

Capacity: 16 (High)

Are you ready for a new twist on a classic, with all the fun of paintball and the skills of archery? Come play Archery Tag! We'll discuss the rules and techniques needed to play then let you duel it out on our professional course. Fun for all ages!

(Ages 9+)

Instructor: Jeremy & Justin Craig, Wonders of Wildlife Volunteer

BACKPACKING ESSENTIALS

Capacity: 20 (High)

In this class, you will learn the differences between being prepared for a light walk on an even path, a hike on game trails through brush and uneven terrain, and an overnight backpacking trip. We will go over proper prepping methods for a half-day hiking trip as well as an overnight trip. This workshop will include a 1.5-mile hike on Fire Tower Trail. Dress appropriately for hiking and bring water and snacks!

(Ages 9+)

Instructor: Anna Skalicky & Taylor Steinfeldt, Roaring River State Park Naturalists

BASIC KAYAKING

Capacity: 14 (High)

Learn the basics of flatwater kayaking, including equipment, entry and exit, strokes, safety, water, and wind. By the end of the class, you will feel more comfortable on the water, have a better understanding of the safety risks around you, and will have had some fun! Participants will have time to practice and explore. Wear appropriate attire and footwear for water sports.

***This class will be held off-site, you will need to provide your own transportation (about 15 minutes from the park, located at Eagle Rock Campground Access). ***

(Ages 10+)

Instructor: Taylor Ratcliff, MO State Parks

BEAUTIFUL BOTANICAL BEAD BRACELETS

Capacity: 16 (Low)

This class brings nature and art together. We will use dried plants to color and add texture to translucent polymer clay and then shape them into beads. After the beads cure, we will fashion them into bracelets or key rings.

(Ages 12+)

Instructor: Cyndi Cogbill, Paw Paw Patch Productions

BEGINNING FLY FISHING

Capacity: 15 (Moderate)

If you have ever thought fly fishing would be a thrilling way to spend time in a stream, but know nothing about it or the gear, this class was created for you. We will introduce participants to fly fishing rods and how to match them with reels and line. If time allows, participants can practice casting. A limited number of rods and reels will be available, but participants will benefit from using their own equipment. Sunglasses and a hat are recommended for your safety. Waders are not needed.

(Ages 9+)

Instructors: Bryon Putman & Allan Keller

CREEK CRAWL

Capacity: 15 (High)

Come learn about the beautiful fish, crayfish, and other critters that call Roaring River home. We will start by learning about the animals and then get in the water to catch them with nets and cameras to see them in person. If you are brave enough, you might even put on a mask and snorkel to meet them where they live! Participants may bring their favorite underwater camera or video camera as we will cover the basics of underwater nature photography. Nets and snorkeling equipment will be provided. Dress appropriately for exploring the stream.

(Ages 9+)

Instructor: Kevin Mouser, MO Master Naturalist

FIRE BY FRICTION: BOW DRILL & HAND DRILL

Capacity: 12 (High)

Making fire by "rubbing sticks" was one of mankind's greatest discoveries. We'll make friction fire with the bow-drill and hand-drill methods, demonstrate fire-making in extreme weather conditions, and discuss making a fire kit without modern tools, using stone tools and plant cordage. Some knife-work is involved, so bring a sharp lock-blade or hunting knife with a 3 ½ "to 4 ½" blade, non-serrated is preferable. Knives will be provided for anyone who does not bring their own. Each person will make their own fire kit.

(Ages 12+)

Instructor: Bo Brown, First Earth Wilderness School Director and author of Falcon Guides books *Foraging in the Ozarks* and *Foraging Central Grasslands*.

FLY ROD BUILDING

Capacity: 10 (Low)

Have you ever wanted to build your own fishing rod? This is your chance to learn the skills needed to create your own. You will not finish the rod in this class, but you will learn the skills required to finish it at home. Each participant will need to order their own rod and thread kit from Mud-hole Custom Tackle. Rod kits can be purchased for \$75-\$200. See website www.mudhole.com. Please call Mudhole directly to purchase the rod kit, as they can assist with what rod kits are in stock and verify arrival prior to WOW school.

This is a multi-session class, must take ALL sessions.

Multi-Session: Saturday 8:30 AM – 12:00 PM
Sunday 8:30 AM – 12:00PM
Sunday: 1:30 PM – 3:30 PM

(Ages 9+)

Instructor: Charlie Stock, Midwest Flies

GARDEN STONE DECOR

Capacity: 16 (Low)

Stones are one of the best ways to decorate your garden! In this class, you will learn how to create homemade stepping stones and use river rocks to create unique labels for your garden! We're root-ing for you to take this class!

(Ages 9+)

Instructors: Ashlyn Ogan & Erik Cepeda, Wonders of Wildlife Educators

GOURMET DUTCH OVEN COOKING

Capacity: 16 (Moderate)

Participants can expect a "hands-on" approach and a full stomach with their gourmet cooking resulting in a 7-8 course meal! Participants will become familiar with the equipment used in outdoor cooking and will leave with a newfound sense of confidence. Proper techniques will be stressed along with safety and respect for fire.

(Ages 12+)

Instructor: Dr. Larry Quinalty, Dutch Oven Cooking Specialist.

INTRO TO BIRDWATCHING

Capacity: 20 (Moderate)

Birdwatching, or birding, is an increasingly popular outdoor activity in the United States. This class will start by discussing birds and their migratory patterns, including common birds you may see around Roaring River during fall migration. Next, participants will learn how to use technology to assist in birdwatching using applications like Merlin, eBird, and iNaturalist. Finally, participants will go on a hike to locate, identify, and record the birds they find. Participants should wear comfortable clothing and bring a cellphone and binoculars, if they have them. For the hiking portion, please bring a water bottle, snacks, and sturdy shoes.

(Ages 9+)

Instructor: Luke Scott, Roaring River State Park

INTRO TO CAST IRON

Capacity: 12 (Low)

This class is designed as a basic introduction on how to select, care, and clean cast iron cookware of all types. By the end of the class, students will be able to make informed decisions about what cast iron camp/household cookware would work best for them, how to clean, season, and maintain that special coating, and how to refurbish a well-loved piece of cookware will also be discussed.

(Ages 9+)

Instructor: Andrew Rhodes, MDC Conservation Educator

KARST TOPOGRAPHY: GUIDED HIKE

Capacity: 20 (High)

Learn about the Ozark's unique karst topography and gain a deeper appreciation for Missouri's natural formations while hiking the Devil's Kitchen Trail.

(Ages 9+)

Instructor: Shay Messer, Dogwood Canyon Educator

OVERNIGHT CANOE TRIP (CONTINUED)

Capacity: 12 (Extreme)

Canoe camping is a course about the fundamentals of paddling and camping out overnight for extended periods. This course will include available resources, trip planning, equipment, safety, meal preparation activities, and conservation practices. You will be camping overnight and are responsible for clothing suitable for the weather and getting wet. All other gear will be provided. All participants must wear a PFD. You can either bring your own or one will be provided for you. All participants must be good swimmers and all participants under 18 must have a parent or guardian on this trip. Please be prepared with snacks, water, and sun protection. Participation in a beginning canoeing or kayaking class or having previous experience in canoeing or kayaking is required. We will be paddling at least 5 miles each day.

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(Ages 16+) ***18 and under must be accompanied by an adult.**

Instructor: Beth Ussery & Michelle Cornell

SATURDAY 1:30PM – 5:00PM

ARCHERY TAG

Capacity: 16 (High)

Are you ready for a new twist on a classic, with all the fun of paintball and the skills of archery? Come play Archery Tag! We'll discuss the rules and techniques needed to play then let you duel it out on our professional course. Fun for all ages!

(Ages 9+)

Instructor: Jeremy & Justin Craig, Wonders of Wildlife Volunteer

BEGINNING ARCHERY

Capacity: 15 (Moderate)

Archery is a time-honored sport that becomes more popular each year. It is fun, challenging, good exercise, and a great family activity. This course will cover archery safety, ethics, shooting techniques, and equipment selection. Participants will receive individualized instruction and ample time to practice what they learn.

(Ages 9+)

Instructor: Chris Adams & Greg Rippee, Wonders of Wildlife Volunteer

BUSHCRAFT SAFETY: KNIFE, SAW, & AXE SKILLS

Capacity: 12 (Moderate)

Practical training for bushcraft adventures is key to success! Join me for an introduction on knife, saw, and axe safety. These cutting tools can help you be better prepared for hiking, hunting, camping, and unexpected outdoor adventures, but only if you know how to use them safely! We will talk about choosing a good field knife, how to use a saw safely and effectively, and how to make the most of the axe/hatchet you might be thinking of carrying. I will have all the supplies you will need, but you are welcome to bring a knife, saw, or axe that is sharp and in a sheath or case to use during the class.

(Ages 12+)

Instructor: Andy Rhodes, MDC Conservation Educator

CREATING, COLLABORATING, CONNECTING: A NATURE-ART PROJECT

Capacity: 20 (Moderate)

Collaboration can foster a strong sense of community. Pair that with creating artwork and you've got a true connection. Throw in a big dose of nature and it's an excellent project for WOW! Working together using simple techniques, we will create a unique art piece from collected natural materials. No art experience necessary! The artwork will be donated to the WOW fundraising auction on Saturday evening.

(Ages 9+)

Instructors: Gala Keller (MDC Volunteer, MO Master Naturalist), Rose Atchley (MO Master Naturalist), Sherryl Walker (MO Master Naturalist)

FLY FISHING FOR TROUT

Capacity: 15 (Moderate)

This fly-fishing class explores how to give yourself the best chance at catching trout with a fly rod. We will work on a variety of casts and retrieves, learn the best stream locations for finding trout, discover why certain flies work, how to tie several useful knots, how to set up the correct leader & tippet, and some history about trout in Missouri. Students should be comfortable with basic fly casting and use their own gear if available. Sunglasses and hats recommended. No Waders needed.

(Ages 9+)

Instructors: Bryon Putman & Allan Keller

GOURMET DUTCH OVEN COOKING

Capacity: 16 (Moderate)

Participants can expect a "hands-on" approach and a full stomach with their gourmet cooking resulting in a 7-8 course meal! Participants will become familiar with the equipment used in outdoor cooking and will leave with a newfound sense of confidence. Proper techniques will be stressed along with safety and respect for fire.

(Ages 12+)

Instructor: Dr. Larry Quinalty, Dutch Oven Cooking Specialist

GEOCACHING WITH A SMARTPHONE

Capacity: 15 (Moderate)

This is an introductory course to Geocaching with a smartphone. After we cover the basics, we will hit the trail to find a "treasure" with your smartphone. Users **MUST** bring their own smartphone with a data plan. **Verizon is the only network that consistently works. Carriers like AT&T DO NOT work in the park!** (No Wi-Fi will be available on the trail)

(Ages 9+)

Instructor: Tricia Tannehill, U.S. Army Corps of Engineers

INTRO TO BIRDWATCHING

Capacity: 20 (Moderate)

Birdwatching, or birding, is an increasingly popular outdoor activity in the United States. This class will start by discussing birds and their migratory patterns, including common birds you may see around Roaring River during fall migration. Next, participants will learn how to use technology to assist in birdwatching using applications like Merlin, eBird, and iNaturalist. Finally, participants will go on a hike to locate, identify, and record the birds they find. Participants should wear comfortable clothing and bring a cellphone and binoculars, if they have them. For the hiking portion, please bring a water bottle, snacks, and sturdy shoes.

(Ages 9+)

Instructor: Luke Scott, Roaring River State Park

INTRO TO FLY TYING

Capacity: 15 (Low)

This course is an introduction to the art and science of fly tying. Learn about the essential tools and materials used for tying flies. Participants will receive hands-on instruction and should bring a fly box along for their creations. You will be able to look at some of the insects and other creatures that fly tiers try to imitate.

(Ages 9+)

Instructor: Charlie Stock, Midwest Flies

INTRO TO STAND-UP PADDLE BOARDING

Capacity: 14 (High)

Kayaking isn't the only way to make a splash with water sports! Come try out the up-and-coming trend called Stand-Up Paddle Boarding! You will experience the basic methods, learn how to properly transition on your board, and have some free time floating around. This is one leisure activity that you won't want to miss! Dress appropriate for water sports.

***This class will be held off-site, you will need to provide your own transportation (about 15 minutes from the park, located at Eagle Rock Campground Access). ***

(Ages 9+)

Instructor: Jace Schmidt (Greene County Park Board) & Rachel Haenni (Wonders of Wildlife Educator)

LIFE IN A MISSOURI STREAM – STREAM TEAM

Capacity: 20 (Moderate)

Be prepared to get muddy as we slosh around in the stream looking for cool bugs and fish. This course is an introduction to stream ecology where we will introduce you to the biological organization of the stream ecosystem. We will conduct this class in the stream, using an array of sampling gear to collect and observe fish and macroinvertebrates (aquatic bugs). Participants will learn how to identify these various organisms and how they relate to the importance of clean and healthy stream systems! Dress appropriate for exploring the stream.

(Ages 9+)

Instructor: Carl Romesburg, Stream Team Assistant

REPTILES & AMPHIBIANS / ALL SNAKES AREN'T BAD

Capacity: 24 (Moderate)

This class will give a brief overview of what separates reptiles and amphibians as well as discussing the differences and benefits of native species that can be found right here in our region! We will also cover safety when hiking and enjoying the outdoors around these animals, particularly the venomous snakes. The class will finish with a short hike to demonstrate safety practices and to look for reptiles and amphibians in the park.

(Ages 9+)

Instructor: Steve Kick (Hobbs State Park) & Anna Skalicky (Roaring River State Park)

STONE & STRING

Capacity: 12 (Moderate)

Early hominids were bashing siliceous stones (containing silica) with hammerstones around 3.3 million years ago to produce sharp cutting edges and tools; it is truly the mother of all technologies! A sharp cutting tool and the ability to make string are topmost wilderness survival skills, so we'll walk to the nearest gravel bar to identify local chert and learn to create flake tools. Afterwards, we'll learn to make 2-ply reverse-twist cordage with plant fibers from various plant species. (Please bring light gloves, safety glasses or eye protection, if possible. Some will be provided)

(Ages 9+)

Instructor: Bo Brown, First Earth Wilderness School Director and author of Falcon Guides books *Foraging in the Ozarks* and *Foraging Central Grasslands*.

WATERCOLOR EN PLEIN AIR

Capacity: 15 (Moderate)

Experiencing the outdoors can be as simple as sitting and admiring the view. *En Plein Air* is a French expression meaning "in the open air" and refers to the act of painting outdoors with the artist's subject in full view. In this class, beginners and experts alike will capture the feel of the landscapes around us with plein air methods using watercolor. Materials will be provided but you

are welcome to bring your own sketchbooks and paints. All participants will get to take home their own watercolor notebook.

(Ages 9+)

Instructor: Shay Messer, Dogwood Canyon Educator

SUNDAY 8:00AM – 5:30PM

KIDS CAMP

Capacity: 20

The Kids Camp, located in Roaring River State Park, offers lots of exciting outdoor educational activities that will help inspire a child's natural curiosity about nature and the great outdoors.

(Ages 5-8)

Instructor: Hannah Martin & Kevin Plath, Wonders of Wildlife

Saturday: 8 AM – 5:30 PM

Sunday: 8 AM – 5:30 PM

SUNDAY 8:30AM – 12:00PM

ADVANCED FLY TYING

Capacity: 10 (Low)

Take your fly-tying skills and techniques to the next level with this advanced fly-tying class. You will see and use different tools, materials, and techniques for tying flies. Bring along your fly box for your creations. **This class is not for beginners!**

Instructor: Charlie Stock, Midwest Flies

ATLATL & RIVERCANE DART

Capacity: 12 (Moderate)

Over 15,000 years ago, the first paleo people to enter North America brought this powerful weapon to hunt woolly mammoth and other Pleistocene megafauna. It was the principal weapon here until the bow and arrow replaced it around 1300 years ago. The atlatl consists of a long, arrow-like dart and a launching stick. Its penetrating power can rival a .357 handgun, and it is legal for hunting deer in Missouri. Participants will construct an atlatl and use fire to straighten a rivercane dart, then we'll practice on a target!

(Ages 12+)

Instructor: Bo Brown, First Earth Wilderness School Director and author of Falcon Guides books *Foraging in the Ozarks* and *Foraging Central Grasslands*.

BACKPACK COOKING

Capacity: 20 (High)

Join us to learn about basic backpack cooking skills. During this camp, you will learn a variety of backpacking skills, but most importantly *backpack cooking*! We will be hiking up the Fire Tower Trail to cook our food. Be prepared for a steep incline and any type of weather. Come hungry!

(Ages 9+)

Instructor: Anna Skalicky & Taylor Steinfeldt, Roaring River State Park Naturalists

BASIC KAYAK FISHING

Capacity: 14 (High)

This class offers you the ability to combine two outdoor recreation activities into one experience. After learning some basics to keep you safe, organized, and hopefully dry we will head to the water. Spend the remainder of the class trying to catch a lunker! **Kayak experience is preferred as basic kayaking skills will not be taught.** Wear appropriate attire and footwear for water sports.

(Ages 12+, *12-17 must be accompanied by an adult)

Instructor: Ben Peterson & Eric Cepeda, Wonders of Wildlife Educators

CREEK CRAWL

Capacity: 15 (High)

Come learn about the beautiful fish, crayfish, and other critters that call Roaring River home. We will start by learning about the animals and then get in the water to catch them with nets and cameras to see them in person. If you are brave enough, you might even put on a mask and snorkel to meet them where they live! Participants may bring their favorite underwater camera or video camera as we will cover the basics of underwater nature photography. Nets and snorkeling equipment will be provided. Dress appropriately for exploring the stream.

(Ages 9+)

Instructor: Kevin Mouser, MO Master Naturalist

FISH CLEANING & COOKING

Capacity: 20 (Moderate)

This course will instruct participants on the proper handling, transportation, and storage of freshly caught fish, which is essential to ensure a safe and tasty meal. Learn how to clean and keep your catch for the finest culinary delight! After cleaning is finished, learn how to cook fish in a variety of ways. Taste testing is a must!

(Ages 9+)

Instructor: Tim Smith, Missouri Department of Conservation

FLY ROD BUILDING (CONTINUED)

Capacity: 10 (Low)

Have you ever wanted to build your own fishing rod? This is your chance to learn the skills needed to create your own. You will not finish the rod in this class, but you will learn the skills required to finish it at home. Each participant will need to order their own rod and thread kit from Mud-hole Custom Tackle. Rod kits can be purchased for \$75-\$200. See website

www.mudhole.com. Please call Mudhole directly to purchase the rod kit, as they can assist with what rod kits are in stock and verify arrival prior to WOW school.

This is a multi-session class, must take ALL sessions.

Multi-Session: Saturday 8:30 AM – 12:00 PM
Sunday 8:30 AM – 12:00PM
Sunday: 1:30 PM – 3:30 PM

Instructor: Charlie Stock, Midwest Flies

GOURMET DUTCH OVEN COOKING

Capacity: 16 (Moderate)

Participants can expect a "hands-on" approach and a full stomach with their gourmet cooking resulting in a 7-8 course meal! Participants will become familiar with the equipment used in outdoor cooking and will leave with a newfound sense of confidence. Proper techniques will be stressed along with safety and respect for fire.

(Ages 12+)

Instructor: Dr. Larry Quinalty, Dutch Oven Cooking Specialist

INTRO TO STAND-UP PADDLE BOARDING

Capacity: 14 (High)

Kayaking isn't the only way to make a splash with water sports! Come try out the up-and-coming trend called Stand-Up Paddle Boarding! You will experience the basic methods, learn how to properly transition on your board, and have some free time floating around. This is one leisure activity that you won't want to miss! Dress appropriate for water sports.

***This class will be held off-site, you will need to provide your own transportation (about 15 minutes from the park, located at Eagle Rock Campground Access). ***

(Ages 9+)

Instructor: Jace Schmidt (Green County Park Board) & Rachael Haenni (Wonders of Wildlife Educator)

PINECONE WOOD ART

Capacity: 16 (Low)

Pinecones are one of nature's best materials to create art with. In this class, you will use pinecones, wood, paint, and other elements from nature to create a floral piece that makes a great addition to any mantel or wall!

(Ages 9+)

Instructors: Ashlyn Ogan, Wonders of Wildlife Educator

TRADITIONAL ARCHERY

Capacity: 16 (Moderate)

Learn the art of instinctive shooting in order to "hit the mark." In this course you will learn about craftsmanship and the history of traditional bows, traditional equipment, different shooting styles, and techniques. Discover your own personal style of instinctive shooting with the help of the instructor and get ready for lots of fun.

Instructor: Chris Adams & Greg Rippee, Wonders of Wildlife Volunteer

TRANSFORMING TALLOW

Capacity: 20 (Low)

Did you know that a harvested deer can provide more than just dinner and antlers? Join us as we transform the fat normally disposed of during the cleaning process, to something useful. After we learn how to prepare the tallow, we will make bird suet, fire starters, and a candle.

(Ages 9+)

Instructor: Misty Mitchell, Wonders of Wildlife Director of Conservation Education

SUNDAY 1:30 PM – 3:30 PM

FLOWER PRESSING

Capacity: 16 (Low)

Flower pressing is a crafting skill that can be used to preserve mementos or create beautiful decorations for your home or loved ones! In this class, you will have an expert hand showing you the ins and outs of flower pressing, what materials you will need, and tips and tricks of the skill. You will also create your own flower pressed masterpiece to take home!

(Ages 9+)

Instructors: Rachel Haenni, Wonders of Wildlife Educator

FLY ROD BUILDING (CONTINUED)

Enrollment Size: 10 (Low)

Have you ever wanted to build your own fishing rod? This is your chance to learn the skills needed to create your own. You will not finish the rod in this class, but you will learn the skills required to finish it at home. Each participant will need to order their own rod and thread kit from Mud-hole Custom Tackle. Rod kits can be purchased for \$75-\$200. See website www.mudhole.com. Please call Mudhole directly to purchase the rod kit, as they can assist with what rod kits are in stock and verify arrival prior to WOW school.

This is a multi-session class, must take ALL sessions.

Multi-Session: Saturday 8:30 AM – 12:00 PM
Sunday 8:30 AM – 12:00PM
Sunday: 1:30 PM – 3:30 PM

(Ages 9+)

Instructor: Charlie Stock, Midwest Flies

GEOCACHING WITH A SMARTPHONE

Capacity: 16 (Moderate)

This is an introductory course to Geocaching with a smartphone. After we cover the basics, we will hit the trail to find a “treasure” with your smartphone. Users **MUST** bring their own

smartphone with a data plan. **Verizon is the only network that consistently works. Carriers like AT&T DO NOT work in the park!** (No Wi-Fi will be available on the trail)

(Ages 9+)

Instructor: Tricia Tannehill, U.S. Army Corps of Engineers

GUIDED GLADE HIKE

Capacity: 20 (Moderate)

Take a guided hike to discover one of the Ozark's most unique habitats! We will hike a portion of the Fire Tower Trail in search of glade inhabitants like collared lizards, scorpions, and roadrunners. Wear comfortable walking shoes and bring water.

(Ages 9+)

Instructor: Becky Day, Dogwood Canyon Educator

HOMEMADE FIRE STARTERS

Enrollment Size: 20 (Moderate)

Do you know what a "Fuzz Stick" is, or how it is used? In this class, you will learn how to make fire starters from items found around your house, which should allow you to start a fire with one match. You will also learn about the fire triangle, fire structures and how they are important in building and sustaining a fire. Participants will make fire starters and start fires as time allows.

(Ages 9+)

Instructor: Tim Smith, Missouri Department of Conservation

SUNDAY 1:30 PM – 5 PM

ARCHERY HUNTING FOR WHITETAIL DEER

Capacity: 16 (Moderate)

This "how to" course will emphasize principles and techniques of bowhunting for whitetail deer. Instruction will include equipment selection, tree stands vs ground hunts, deer calls and scents, early season, Pre-Rut, Rut, and Post-rut hunting strategies, shot placement on deer in various positions, when NOT to let an arrow fly (ethics), using modern technology for planning of a hunt, and much more! If you have a hunting bow, feel free to bring it, we will have a few bows to test out. **This class will NOT include basic archery instruction!** It will be focused on fine tuning to prepare for the hunting season.

(Ages 9+)

Instructor: Jordan Kukal, Wonders of Wildlife Aquarium Maintenance

FORAGING WILD PLANTS & EDIBLE INSECTS

Capacity: 16 (Moderate)

The "gathering" of hunter-gatherers included collection of plants for food, medicine, fire-making, weaponry, baskets, string, tools, and a very important part of their diet - insects. In this walkabout, we'll look for botanical bounty offered up in an Ozarks autumn, and maybe even find a few

grasshoppers, crickets, spiders, cicadas, or wasp larvae to toast up and have a sample. They mostly taste nutty!

(Ages 9+) ***12 and under must be accompanied by an adult.**

Instructor: Bo Brown, First Earth Wilderness School Director and author of Falcon Guides books *Foraging in the Ozarks* and *Foraging Central Grasslands*.

GOURD BOILING

Capacity: 16 (Moderate)

How did humans boil water before the invention of pots? During this class we will test your culinary skills using fire, rocks and a gourd! Learn about how cultures cooked in the past and how traditions are formed through this unique cooking experience.

(Ages 9+)

Instructor: Eric Cepeda, Wonders of Wildlife Educator

GOURMET DUTCH OVEN COOKING

Capacity: 16 (Moderate)

Participants can expect a "hands-on" approach and a full stomach with their gourmet cooking resulting in a 7-8 course meal! Participants will become familiar with the equipment used in outdoor cooking and will leave with a newfound sense of confidence. Proper techniques will be stressed along with safety and respect for fire.

(Ages 12+)

Instructor: Dr. Larry Quinalty, Dutch Oven Cooking Specialist

LIFE IN A MISSOURI STREAM – STREAM TEAM

Capacity: 20 (Moderate)

Be prepared to get muddy as we slosh around in the stream looking for cool bugs and fish. This course is an introduction to stream ecology where we will introduce you to the biological organization of the stream ecosystem. We will conduct this class in the stream, using an array of sampling gear to collect and observe fish and macroinvertebrates (aquatic bugs). Participants will learn how to identify these various organisms and how they relate to the importance of clean and healthy stream systems! Dress appropriate for exploring the stream.

(Ages 9+)

Instructor: Carl Romesburg, Stream Team Assistant

NATURE'S BODY CARE

Capacity: 16 (Low)

Herbal medicine has been around for hundreds of thousands of years and the use of topical herbal treatments can be extremely effective in treating aches, dry skin, and more. In this class, you will learn the benefits of some of nature's most popular herbs for body care use. You will also learn how to create lotion bars and salves!

(Ages 9+)

Instructor: Ashlyn Ogan, Wonders of Wildlife