

Roaring River State Park



National Outdoor Recreation and Conservation School

Exploring



Discovering

Learning



**Roaring River State Park
October 5-7, 2018**

WHAT IS WOW?

- WOW is a National Outdoor Recreation and Conservation School that introduces families and individuals to a variety of outdoor activities.
- WOW is a hands-on learning experience that attracts a wide range of ages, interests and abilities.
- WOW is a great family outing with an educational component.
- WOW teaches basic skills necessary for families and individuals to enjoy outdoor activities in a safe and responsible manner.
- WOW is a leisure time recreational activity with health benefits that promote the quality of life while enjoying the outdoors.
- WOW is taught by knowledgeable instructors.

For more information about registration, contact
Wonders of Wildlife at 417-225-1162.

For more information about activities, contact the Missouri Department
of Natural Resources at 417-847-3742 or toll free at 800-334-6946.

Forms are also available online at
wondersofwildlife.org/roaringriver/ or *mostateparks.com/wow*.

Registration deadline is Sept. 15, 2018.

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Sign up on Facebook
to connect with WOW National Outdoor Recreation
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facebook.com/wowschool

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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 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 will be held October 5-7, 2018 (Columbus Day weekend), at Roaring River State Park, which is located just seven miles south of Cassville, Missouri, on Highway 112. Registration and check-in will be 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 9 years of age or older to attend WOW School classes; however, children under the age of 9 may attend Kids Camp (see below). An adult must accompany children age 9 to 12 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 age 13 or older is capable of attending classes unsupervised. All individuals who attend any WOW class must be registered for that class. Some classes may have other age restrictions or requirements.

KIDS CAMP

Designed for children four (4) to eight (8) years of age, the Kids Camp offers exciting outdoor activities. 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 \$50 per child. Kids Camp is held all day Saturday and Sunday. Please note children age 4 and older 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 will make all reasonable efforts to accommodate persons with special needs. Please enclose a letter with your registration form stating any special needs you may have.

REGISTRATION

Each individual must pre-register for all educational programs in which they participate. To ensure that the registration process is fair, registrations will only be accepted through the following:

- Regular mail (metered mail will not be accepted)
- Dropped off at the Wonders of Wildlife office located in the John A. and Genny Morris Conservation Center, at 600 W. Sunshine St., Springfield, MO 65807. Registrations can be dropped off Monday through Friday, 8 a.m. to 5 p.m.
- Faxed to 417-225-1169.

Registration will open on August 10, 2018 and courses will be filled on a priority basis. First priority will be given to all registrations that are properly postmarked, faxed, or dropped off by August 10, 2018.

A lottery system will further determine priority – registrations will be sorted and grouped by date postmarked and arrival, and then will randomly be opened and processed. Registration deadline is September 15, 2018. Registrations received after September 15, 2018, will be accepted only if space is available and will be subject to a \$10 late fee.

Registration fees are \$60 per person and will cover instruction, use of equipment, Saturday evening dinner, and a long-sleeved T-shirt. Transportation and lodging are not included and are the responsibility of the participants.

Various lodging options are available to WOW participants - please see lodging/camping section for more information.

To register for WOW, you must:

- Complete an online registration form (one per person please) at - <http://www.wondersofwildlife.org/education/wow-school.html>.
- Indicate **first, second and third** choice of classes. This is very important! If you do not indicate alternate choices, your registration will be placed at the bottom of all the other registrations received on that date. At that point, every attempt will be made to contact you; however, if we are unable to reach you, your registration will not be processed until we can speak with you.

Please note: Some of our courses are very popular, so if you have taken them in the past, please allow other participants an opportunity to take these courses.

- Enclose payment in full; make check payable to Wonders of Wildlife.
- Sign and enclose the liability/photo release form.

Please note: If any part of your registration is not received, it will not be processed.

Mail registration materials and payments to:

Wonders of Wildlife
Attn: WOW School RR
500 West Sunshine
Springfield, MO 65807

Cancellation policy

Cancellation and refund requests must be submitted in writing to WOW School prior to September 15, 2018. All refunds are subject to a \$10 non-refundable service fee. Absolutely no refunds will be given after September 15, 2018. Valid refunds will be processed after a three-week (minimum) waiting period.

Confirmation letter

Participants will receive a confirmation letter after registration has been completed (please allow three weeks for processing). The letter will provide a list of classes in which the participant has successfully been enrolled, any special instructions for the classes (including clothing or equipment needs) and a detailed map of the Roaring River State Park campus. The confirmation letter is meant to ensure that participants are aware of their responsibilities and expectations before arriving at WOW.

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. There are a few classes that 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. The letter will include information about transportation, but be prepared to provide your own transportation.

PHYSICAL ACTIVITY GUIDE

To help participants anticipate each course and know what physical levels to expect, a physical activity rating system has been created. Listed in the course catalog, you will find a physical 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, lifting and full-body movement.

Extreme – Requires the highest level of physical skills/endurance with added emotional engagement/participation. Ex. Lecture-based and hands-on activities while experiencing, heights, confined spaces, crawling and full-body movement.

AUCTION

A silent auction of outdoor-related items will run throughout registration until the Saturday evening cookout. During the evening there will also be an opportunity for live auction and raffle items. Winners will be announced during the cookout and payment should be made at that time.

MEALS

There will be a cookout on Saturday night beginning at 6 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 check the box on the reverse side of the registration form. 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 our website at 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. The cost for an electric site is \$21 per night and basic sites are \$13 per night. Discounted rates are available to persons with disabilities and people age 65 years or older. 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 who are in need. To apply, submit a one-page request letter along with a completed registration form and liability waiver for each person in your party on or before September 15, 2018. In your letter, include why you want to attend, the number and ages of your family members, annual income and a contact phone number.

DURING WOW CLASSES

A fishing license, hunting license and/or trout tags are not required while participating in a WOW instructed class.

Missouri law requirements for fishing license, hunting license, and trout tags apply all other times.

COURSE DESCRIPTIONS

ADVANCED FLY TYING

Enrollment Limit: 12

(Low)

This course is an advanced course in the art and science of fly tying. You will see and use different tools, materials, and techniques for tying flies. Bring along your fly box for your creations. This is not for beginners!

Instructor: Charlie Stock, Midwest Flies

Sunday: 8:30 a.m. – Noon

AFTER DARK DISC CHALLENGE

Enrollment Limit: 14

(High)

When the sun goes down the fun begins! We will be playing a disc throwing game that will not only test your aim but challenges your creativity, memory and problem-solving skills. Come join us for a fun, after dark, outdoor game! Participants must be at least 12 years of age.

Instructor: Corey Block, Wonders of Wildlife Volunteer

Friday: 7 p.m.

AN ENCHANTED OUTDOOR ADVENTURE

Enrollment Limit: 16

(Moderate)

All day class on Saturday only, lunch included for all kids Ages 9-12 (parents do not need to be present). Come join us on an enchanted outdoor adventure. Kids will be sorted into teams. We will learn how to slay dragons (archery). We will learn about the “Care of Fantastic Creatures” (learn about owls and dissect pellets and we will also go fishing). We will make super awesome nature crafts in our “Super-natural Arts” class. “Concoctions” class involves making dyes/paints from natural materials and analysis of water quality. We will also do some tree and plant rubbings and learn to identify some common plants and trees in our herbology lesson.

Instructors: Theresa Davidson, U.S. Forest Service

Saturday: 8:30 a.m. – 5 p.m.

ARCHERY TAG

Enrollment Limit: 15

(Moderate)

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

Instructor: Wonders of Wildlife Volunteers

Sunday: 8:30 a.m. – Noon

Sunday: 1:30 p.m. – 5 p.m.

BASIC KAYAKING

Enrollment: 10

(High)

This course is designed for the beginning paddler. Learn the basics of entering and exiting a kayak, basic strokes, safety practices, and equipment selection. Individual instruction will be provided. Be prepared to get wet and have lots of fun on the water. Personal floatation devices (PFD) will be worn while on the boat; bring your own if you like. This class will be held off-site, so you will need to provide your own transportation.

Instructor: Dave Lako, Missouri State Parks

Saturday: 1:30 p.m. – 5 p.m.

BASIC POTTERY

Enrollment Limit: 20

(Low)

Pottery making is a craft that has been around since ancient times, in every country and ethnicity, and now you're able to learn it! This class will be teaching you basic hand building techniques, such as coiling and pinching. Each participant will walk away with a piece of pottery that they have made.

Instructors: Michael T. Rose, Wonders of Wildlife

Friday: 1:30 p.m. – 5 p.m.

BASIC SNORKELING

Enrollment Limit: 10

(High)

Explore the underwater world of the Ozarks by snorkeling! Learn basic snorkeling skills in the lake. Dress for potentially chilly water; bring synthetic material swimwear, water shoes or sandals, sunscreen, towel, and dry clothes to change into. Personal Floatation Devices, masks and snorkels will be provided. (Participants encouraged to bring their own equipment if possible.) Age restriction: 12+. Confident swimmers only.

Instructors: Angela Sokolowski and Carrie Bond, US Forest Service

Saturday: 1:30 p.m. – 5 p.m.

BASIC TRAPPING AND FUR HANDLING

Enrollment Limit: 20

(Moderate)

Trapping is a skill that has been passed along for generations. Come learn the basic skills about trapping and fur handling. Participants will learn the different types of traps, and how to set them to catch different animals such as raccoons, coyotes, bobcats, opossums, and more. We will also discuss the proper way to put up your fur after you have trapped animals.

Instructor: Tyler Schwartz, Conservation Federation of Missouri

Saturday: 1:30 p.m. – 5 p.m.

BEGINNING ARCHERY

Enrollment Limit: 20

(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.

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

Sunday: 8:30 a.m. – Noon

BEHIND THE LENS: BEGINNING OUTDOOR PHOTOGRAPHY

Enrollment Limit: 20

(Moderate)

Here is your chance to learn the basics of changing camera settings and learn how to compose shots for wildlife, floral, and landscape photography.

Instructors: Chad Doolen, National Wild Turkey Federation

Saturday: 1:30 p.m. –5 p.m.

BEHIND THE LENS: INTERMEDIATE OUTDOOR PHOTOGRAPHY

Enrollment Limit: 20

(Moderate)

In this session we will take a more in-depth look at how cameras capture images and discuss what behaviors have the greatest impact on producing quality images.

Instructors: Chad Doolen, National Wild Turkey Federation

Sunday: 1:30 p.m. –5 p.m.

BEYOND S'MORES

Enrollment Limit: 20

(Low)

S'more WHAT?? That is right, there are MORE treats to make around a campfire with others that just the old s'more. You will have to opportunity to learn and eat other delicious campfire treats that are also made on a stick. Bring the whole family for a Sweet evening of fun and tasty treats. Wet wipes will be included!

Instructor: Lisa Carpenter, WOW Teen Volunteer

Friday: 7 p.m.

BLACK BEARS IN MISSOURI

Enrollment Limit: 40

(Low)

Perhaps no other animals have so excited the human imagination as bears. References to bears are found in ancient and modern literature, folk songs, legends, mythology, children stories, and cartoons. Bears are among the first animals that children learn to recognize. Bear folklore is confusing because it is based on caricatures, with Teddy Bears and the kindly Smoky the Bear on one hand, and ferocious magazine drawings and photos on the other. A major problem for black bears is that literature often does not separate black bears from grizzly bears. Join a park naturalist and become "Bear Aware" about our growing population of bears in Missouri as we separate fact from fiction!

Instructors: Tim Smith, Missouri State Park

Friday: 7 p.m.

BOULDERING / ROCK CLIMBING

Enrollment Limit: 15

(Extreme)

In this rock climbing class, you will learn the basic climbing techniques, knots, and how to belay another climber. In addition, you will learn the various types of climbing gear used to keep you safe in the vertical world of rock climbing. This class will be held off-site, so you will need to provide your own transportation.

Instructor: Lance Ussery, M.S. Upper Edge Adventures

Sunday: 8:30 a.m. – Noon

CHARMING CHIMES

Enrollment Limit: 20

(Low)

Create your own upcycled wind chimes! Instead of wasting an array of previously unwanted materials, you'll learn the steps to make personalized wind chimes that are perfect for adding a little charm to any home!

Instructor: Kelly Owens, Wonders of Wildlife

Saturday: 1:30 p.m. – 5 p.m.

CROSSBOW CRAZE

Enrollment Limits: 12

(Moderate)

Join the crossbow craze sweeping Missouri by attending this introductory program on crossbows. Participants must be age 11 or older and will learn about basic crossbow safety, equipment, and shooting skills. The program will also cover hunting applications and tools needed to hunt with crossbows in Missouri. There will even be 3-D targets to shoot! This class will be held off-site, so you will need to provide your own transportation.

Instructor: Greg Collier, Missouri Department of Conservation

Friday: 1:30 p.m. – 5 p.m.

Saturday: 8:30 a.m. – Noon

DIY NATURE CRAFTS

Enrollment Limit: 15

(Low)

If you love nature and are looking for a new way to enjoy being outside, this could be it. You'll have an opportunity to observe and learn from nature, while making a nature journal, and creating entries using different art media including natural paints, a paint brush you will make yourself, painted twig bouquet, and much more. Crafts may change due to availability of supplies.

Instructor: Theresa Davidson and Nettie Perez, US Forest Service

Sunday: 8:30 a.m. – Noon

DUTCH OVEN COOKING

Enrollment Limit: 20

(Moderate)

Learn the basic skills needed to effectively use this traditional means of cooking at home or in a camp setting. You will be preparing dishes using the same methods as the pioneers crossing the frontier. Come with a hearty appetite to sample the tasty morsels you will prepare. Learn the proper way to season, store, and care for your equipment. You will learn this age-old way of cooking while using modern methods and means of cooking. Take home recipes and ideas for your next cookout.

Instructors: Jon Mikrut, Dutch Oven Cook

Saturday: 8:30 a.m. – Noon

Sunday: 8:30 a.m. – Noon

ECO JARS

Enrollment Limit: 20 (Low)

Create a self-sustaining ecosystem in a beautiful recycled glass jar. We will use shells, gravel stones, algae and an aquatic plant to create a conversation piece to show off in your home or office. Then we will learn about the biotic and abiotic factors that make our small worlds successful.

Instructor: Angel Cook, Wonders of Wildlife

Sunday: 1:30 p.m. – 3:30 p.m.

FAMILY BINGO

Enrollment Limit: 40

(Low)

That's a good bingo! Grab your cards and playing chips for a rousing round of a favorite American pastime. From ages 4 to 104, join us in playing several rounds of the game and see if you get to yell that famous word...BINGO!

Instructor: Michael T. Rose, Wonders of Wildlife

Friday: 7 p.m.

FAMILY CAVE HIKE

Enrollment Limit: 35

(Moderate)

Missouri's motto is the "Show Me State," and we will SHOW you why Missouri's motto could be "The Cave State." Participants in this course will learn about the fragile ecology that makes caves so fascinating. A 1.5-mile hike and cave visits will be included. Wear hiking boots or good walking shoes and clothes that can get a little dirty.

Instructor: Kelly Koch, Missouri State Parks

Friday: 1:30 p.m. – 5 p.m.

FAMILY DUTCH OVEN COOKING

Enrollment Limit: 20

(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 meal. You will be required to sample your own cooking. You will also return home with some recipe ideas for your next outdoor adventure.

Instructor: Dr. Larry Quinalty, Dutch Oven Cooking Specialist

Friday: 1:30 p.m. – 5 p.m.

FISH CLEANING AND COOKING

Enrollment Limit: 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.

Instructor: Roaring River Hatchery Staff, Missouri Department of Conservation

Saturday: 1:30 p.m. – 5 p.m.

FISH ON A STICK

Enrollment Limit: 10

(High)

Gigging is an age-old tradition in the Ozarks, yet many have never had the chance to learn about this exciting way to pursue non-game fish from a gigging boat. In this class you'll get a chance to try your hand at gigging a fish in the cool night air while on an Ozarks stream. Learn how to identify non-game fish such as carp and suckers from game fish such as bass and bluegill. There certainly is an art to this sport and if your aim is true, you just might bring home a fish on a stick. Minimum age of 10 and anyone under the age of 17 must be accompanied by an adult. This will be a nighttime class, so students should bring a flashlight/head lamp, plus wear appropriate non-slip shoes and dress for getting wet, especially feet as you get in and out of boats. This class will be held off-site, so you will need to provide your own transportation.

Instructors: Missouri Department of Conservation Agents

Friday: 5 p.m.

FLINTKNAPPING

Enrollment Limit: 15

(Moderate)

Travel back in time to learn humankind's first technological advance! This hands-on course will introduce the art of flaking stone to make arrowheads, spears, knives, etc., and give participants a chance to work on their own flint knapping project. We'll also discuss making your own flint knapping kit. This class is designed for people age 13 and older.

Instructor: Bo Brown, Earth First Wilderness School

Sunday: 1:30 p.m. – 5 p.m.

FLY FISHING KNOTS

Enrollment Limit: 12 (Low)

Do you know how to tie slip, non-slip, or loop knots, and which one to use when fly fishing? These are just a few of the knots you will learn how to tie and what they are used for in this class. This is practical knot knowledge for setting up your fishing gear.

Instructor: Bryon Putman, Missouri Department of Conservation
Eric McMillan, Missouri Department of Conservation

Friday: 7 p.m.

FLY TYING

Enrollment Limit: 15

(Low)

This course is an introduction to the art and science of fly tying. Learn about the basic 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.

Instructor: MAKO Fly Tiers
Charlie Stock, Midwest Flies

Saturday: 1:30 p.m. – 5 p.m.

FORAGING 101: EDIBLE/MEDICINAL PLANTS AND INSECTS

Enrollment Limit: 15

(Moderate)

The “gathering” of hunter-gatherers included collecting plants for food, medicine, fire-making, weapons, baskets, string, tools, etc., and included a very important part of their diet, insects for food. 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 sample. Hint: They mostly taste nutty! A notebook or smartphone will come in handy.

Instructor: Bo Brown, Earth First Wilderness School

Saturday: 1:30 p.m. – 5 p.m.

FUN WITH FALCONRY

Enrollment Limit: 20

(Low)

Learn the history and basic art of falconry. We will meet birds of prey and learn what helps them to survive. You will learn what equipment is needed and will even get the chance to practice making jesses and anklets that you get to take home.

Instructor: Keaton Garland, Wonders of Wildlife

Sunday: 8:30 a.m. -- Noon

GEOCACHING WITH SMART PHONE

Enrollment Limit: 15

(Moderate)

This is an introductory course to geocaching with a smart phone. After we cover the basics, we will hit the trail to find a “treasure” with your smart phone. Users MUST bring their own smart phone with a data plan. Note: Verizon is the only network that consistently works. Carriers like AT&T DO NOT work in the park! Wi-Fi will not be available on the trail.

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

Saturday: 1:30 p.m. – 5 p.m.

Sunday: 1:30 p.m. – 5 p.m.

GOURMET DUTCH OVEN COOKING

Enrollment Limit: 20

(Moderate)

Participants can expect a hands-on approach and a full stomach with their gourmet cooking results. Have fun learning how to prepare food for camping excursions. Participants will become familiar with equipment used in outdoor cooking. Safety will be stressed along with respect for fire. Participants must be at least age 12 years to register for this course.

Instructor: Dr. Larry Quinalty, Dutch Oven Cooking Specialist

Saturday: 1:30 p.m. – 5 p.m.

Sunday: 1:30 p.m. – 5 p.m.

HERPETOLOGY HOOKUP

Enrollment Limit: 20

(Low)

Scaly and slimy and tail autonomy, oh my! Join us for a live look into herpetology; you know, the study of reptiles and amphibians. This isn’t a 16-week course covering all the material you’ll ever need to know, but we will take a close look at some unique qualities, characteristics, and even some live specimens that represent different taxonomic structures in this amazing scientific field.

Instructor: Collin Gilmore, Wonders of Wildlife

Friday: 7 p.m.

HIGH ROPES CHALLENGE

Enrollment Limit: 15

(Extreme)

Imagine walking along a set of three ropes while suspended off the ground like Spiderman. There are many different kinds of challenging outdoor physical and mental experiences you will find at this challenge course. Participants must be at least age 12, and any child under age 16 must have an adult taking the course with them. This class will be held off-site, so you will need to provide your own transportation.

Instructors: Lance Ussery, M.S. Upper Edge Adventures

Sunday: 1:30 p.m. – 5 p.m.

INTRODUCTION TO FLY FISHING

Enrollment Limit: 12 (Moderate)

This course is designed to introduce students to fly fishing gear, the categories of fishing flies and how to choose and outfit your fly rod. We will also learn how to fly cast, and participants will benefit from using their own equipment. A limited number of rod outfits will be available for those without one. Sunglasses and a hat are recommended for your safety. Waders are not needed.

Instructor: Bryon Putman, Missouri Department of Conservation
Eric McMillan, Missouri Department of Conservation

Saturday: 8:30 a.m. – Noon

INTRODUCTION TO STREAM LIFE

Enrollment: 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. The goal of this course is to introduce you to the biological organization of the stream ecosystem. We will conduct this class in Roaring River where we will use an array of sampling gear to collect and observe fish and aquatic bugs within the stream. Participants will have the opportunity to learn the ecology of the stream while also learning how to identify the various organisms living there.

Instructor: Carl Romesburg, Missouri Department of Conservation

Saturday: 1:30 p.m. – 5 p.m.

KNOW YOUR KNOTS

Enrollment Limit: 20

(Low)

Knot tying is an essential skill set to have, no matter what age you are or where you live. This class will teach you how to properly tie down a canoe or kayak to your vehicle, rappelling knots, no-fail knots, and more! Then to put your skills to the test, you will make your very own survival bracelet, which will help when you are in a pinch. You do “KNOT” want to miss this!

Instructors: Zane LeCompte, Knotsmith

Sunday: 1:30 p.m. – 3:30 p.m.

LAND MANAGEMENT IN NATURE'S IMAGE

Enrollment Limit: 20

(Moderate)

Who doesn't like seeing results? We take a detailed look at how our natural ecosystems work. From this knowledge, we then share tools and techniques for land management that complement the way nature works. This not only creates better habitat but does so in a faster, more productive way.

Instructor: Adam Keith and Matt Dye, Co-Owners of Land and Legacy.tv

Saturday: 1:30 p.m. – 5 p.m.

LIFE AS A COMMON SOLDIER DURING THE CIVIL WAR

Enrollment Limit: 25

(Low)

This session will inform you of events during the Civil War that took place in Missouri. Come and taste hard tack and learn about how a Civil War soldier lived and survived between battles. Learn the answer to the question, "What made Missouri a northern state?"

Instructors: Ted Hillmer, Wilson's Creek National Battlefield

Saturday: 8:30 a.m. – Noon.

LIVING ON THE EDGE

Enrollment Limit: 20

(Moderate)

Improving Edge Habitat: When managing land, edge habitat is often overlooked and underutilized. However, it can be an incredibly important land management tool that benefits many wild game species. Over time through development, common farming practices, and timber production, we have forgotten about edge habitat! We will walk you through what edge habitat is and how to promote it to improve your land's hunting and overall habitat.

Instructor: Adam Keith and Matt Dye, Co-Owners of Land and Legacy.tv

Saturday: 8:30 a.m. – Noon

NATURAL WELLNESS AND SELF-CARE

Enrollment Limit: 20

(Low)

Are you interested in learning how to make your own topical health and beauty products? Cosmetic and beauty products are a major source of chemical exposure for most people. An average beauty product contains dozens of harmful chemicals. Fortunately, there are natural alternatives for many beauty products. Come learn the basics and take home your own samples that you create.

Instructors: Rachele Pollock, Wonders of Wildlife Volunteer

Sunday: 8:30 a.m. – Noon

NATURE CARDMAKING

Enrollment Limit: 20

(Low)

Join us as we use nature to create cards for sharing with loved ones. This class will demonstrate step-by-step instructions for developing your own nature greeting cards. What a great way to show a loved one that you care by creating instead of buying!

Instructors: Kathy Miles, U. S. Forest Service

Friday: 1:30 p.m. – 5 p.m.

NATURE INSPIRED MASON JARS

Enrollment Limit: 15

(Low)

Decorate your own nature-inspired mason jar. We will use colorful fall foliage and fruit as inspiration. You will decorate mason jars with polymer clay, paint, tea candles, and wire for hanging. Participants must be at least age 12, and any child under age 15 must have an adult taking the course with them.

Instructor: Cyndi Cogbill, Pawpaw Patch Productions
Tiffani Martin, Details Party Designs
Joyce Haynes, The Art of Nature

Saturday: 8:30 a.m. – Noon

NATURE WREATH MAKING

Enrollment Limit: 20

(Low)

You will be able to create your own unique designs in wreath making by working with natural tree and plant forms to fashion small bouquets for your wreath that can consist of greens, pods, cones, dried flowers, moss twigs, and a plethora of other wild and garden goodies. Finishing touches to your one-of-a-kind decoration can be made using bows, applying sparkles and crafting sprays, or choosing from other items to give your nature-inspired creations a special addition!

Instructors: Jessica Hayes, Bass Pro Shops Conservation Department

Friday: 7 p.m.

OFF THE BEATEN PATH

Enrollment Limit: 20

(High)

Do you enjoy taking long walks through the forest? Do your eyes ache for the beautiful structures and animals that nature has to offer? If so, then maybe this is the program for you! See Roaring River State Park in a new light; join us for a five-mile hike on one of the most popular trails in the park. We will take a first-hand look at Roaring River's wild area and natural area within the park. BE AWARE, as our name suggests, we will be exploring some hidden gems, "off the beaten path." Bring your water bottle, hiking boots, and a willingness to explore.

Instructor: Collin Gilmore, Wonders of Wildlife

Sunday: 8:30 a.m. – Noon

OUTDOOR OPEN FLAME COOKING

Enrollment Limit: 20

(Moderate)

Nothing tastes better than homemade food over an open flame. Whether you're at home or camping, cooking over an open flame is a skill anyone can learn. We will discuss fire building, temperature control, and cooking tips. From desserts to the main course, enjoy a meal with me over the open fire.

Instructor: Jessica Gillespie, Wonders of Wildlife

Sunday: 8:30 a.m. – Noon

OVERNIGHT BACKPACK CAMPING

Enrollment Limit: 12

(Extreme)

Overnight camping is a course about the fundamentals of camping out overnight for extended periods. This course will include history, 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 under 18 must have a parent or guardian on this trip. Please be prepared with snacks, water, and sun protection.

Instructor: Lance and Beth Ussery, M.S. Upper Edge Adventures

Friday: 12 (Noon) – Saturday 12 (Noon)

OWL PROWL

Enrollment Limit: 20

(Moderate)

Want to go on a night hike calling for Missouri owls? Participants will have the chance to hoot for owls. If we are lucky, we will hear or even see some owls on our journey. Along the way we will answer questions like: What owls call Missouri home? Where do owls live in Missouri and what do they eat? How big are their eyes? Do owls have ears? These questions and more will be investigated as you meet some of the owls that call Missouri home.

Instructors: Nettie Perez, U.S. Forest Service

Friday: 7 p.m.

OZARK GLADE HIKE

Enrollment Limit: 30

(Moderate)

Join us for an informative glade hike. See and learn about Ozark glade wildflowers, flip rocks searching for reptiles, amphibians, spiders, scorpions and other creepy crawlies, listen for birds and learn about the management actions needed to keep this incredible habitat perpetual. Be sure to wear long pants and closed-toed shoes for this hike through rough but beautiful Ozark glade country.

Instructors: Angela Sokolowski, U.S. Forest Service

Friday: 1:30 p.m. – 5 p.m.

PADDLE SPORTS

Enrollment Limit: 13

(High)

Splash around in the lake while you start with the basics of paddle sports. Discover canoeing, kayaking and tryout Stand Up Paddle boarding (SUP). Learn basic paddle strokes and ways to keep you and your family safe while on the water. This class will be held off-site, so you will need to provide your own transportation.

Instructor: Jessica Gillespie, Wonders of Wildlife

Sunday: 1:30 p.m. – 5 p.m.

PHYSICAL EDUCATION THROUGH NATURE

Enrollment Limit: 20

(Moderate)

Families and individuals from youth through senior maturity will enjoy the morning in the outdoors by participating in a physical education-inspired traverse! The group will journey along a path through nature with stops that will include a game of autumn field dodge ball, a rowing machine exercise activity under the trees, and so many more primary through secondary physical education-inspired activities. You will also be learning about and making healthy snacks along the way (some foods may contain nuts). Endurance and movement expectations will be adjusted for participants' ability levels, along with guidance by a certified physical education instructor. Athletes who complete the W.O.W. at Roaring River State Park Traverse will earn a very special award as a memento of their adventurous feat!

Instructors: Thomas Ley and Jessica Hayes, Crossfit Fitness

Saturday: 8:30 a.m. – Noon

PRIMITIVE FIRE-MAKING: THE BOW AND DRILL

Enrollment Limit: 12

(Moderate)

Creating fire by “rubbing sticks” was one of mankind’s greatest discoveries. We’ll learn to make friction fire with the bow-drill and hand-drill, and how to make fire in the most extreme weather conditions. We’ll also cover making a kit with stone tools and handmade cordage, allowing one to go into nature with nothing and create fire. Each person will make a fire kit to take home. Because some knife work is involved, a sharp lock-blade folding or hunting knife will be needed; a knife with a 3.5- to 5—inch, non-serrated blade is preferable. I’ll have a few on hand, but not for the whole class.

Instructor: Bo Brown, Earth First Wilderness School

Sunday: 8:30 a.m. – Noon

RAPPELLING

Enrollment Limit: 15

(Extreme)

Many people struggle with a fear of heights and trouble trusting others. Learning to rappel is a great tool to help conquer both of these issues. In this class you will learn basic knot tying, proper equipment, climber’s lingo, and safety. You’ll even have the opportunity to rappel down a beautiful Ozark Mountain bluff!

Instructors: Riley DeLong, Wonders of Wildlife Volunteer

Saturday: 8:30 a.m. – Noon

Saturday: 1:30 p.m. – 5 p.m.

READING ANIMAL SIGN AND TRACKS

Enrollment Limit: 20

(Low)

This course will teach you to slow down and look for all kinds of animal sign in nature, from insects to birds, reptiles to mammals. Tracks and tracking will be included in the instruction, but also finding clues on looking for common insects such as moths and butterflies, galls, as well as bird sign.

Instructor: Jay Barber, Missouri Department of Conservation, Grow Native Advisor

Friday: 1:30 p.m. – 5 p.m.

RIVERCANE BLOWGUNS

Enrollment Limit: 15

(Moderate)

The course will introduce you to the art of making and using Cherokee-style rivercane blowguns. Participants will heat-straighten and hollow out the cane to make their own blowgun, learn to affix thistledown and other materials to the dart for fletching, and practice shooting techniques.

Instructor: Bo Brown, Earth First Wilderness School

Saturday: 8:30 a.m. – Noon

ROD BUILDING

Enrollment Limit: 6

(Low)

Have you ever wanted to build your own fishing rod? This is your chance to learn the skills needed to build your own. You will not finish the rod in this class, but you will learn the skills needed 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-\$200.00. See their website at 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, so all sessions must be taken.

Instructors: Charlie Stock, Midwest Flies

Saturday: 8:30 a.m. – Noon

Sunday: 8:30 a.m. – Noon

Sunday: 1:30 – 5 p.m.

ROLL THE DICE

Enrollment Limit: 20

(Low)

Have you ever needed a great family game to play while camping? If so, then join us as we create a fun family game that you will be able to take back to the cabin or campsite and enjoy. Participants will be working with wood, wood burners, paint and other materials.

Instructor: Rob Anderson, Wonders of Wildlife

Saturday: 8:30 a.m. - Noon

SERVING NATURE

Enrollment Limit: 20

(Moderate)

More often than not, we find ourselves taking more from nature than we give back. Join this program for the opportunity to serve nature for a change. We will take a look at methods, both big and small, that will allow us to conserve, support, and restore this big blue planet that we call home. Don't forget to bring your dirty-job pants. This program will involve a service project at Roaring River, allowing us to apply some of our newfound tools at a location that we all enjoy.

Instructor: Collin Gilmore, Wonders of Wildlife

Sunday: 1:30 p.m. – 5 p.m.

SPIDER SNIFFING

Enrollment Limit: 40

(Low)

There is a Killer on the Loose! Join us to investigate evidence the perpetrator left behind. This interactive program will discuss Missouri spiders and why they are important to our ecosystem. Participants will learn how to “sniff out” spiders and be inducted into the “Society of Spider Sniffers.” Bring a flashlight to help search for the killer in the park!

Instructors: Kelly Koch, Missouri State Parks

Friday: 7 p.m.

SNAKES OF MISSOURI

Enrollment Limit: 25

(Low)

Learn about snakes, their habits, and habitats; how to distinguish venomous from non-venomous. These amazing animals are well-adapted predators and are a critical part of Missouri’s ecosystems. Some hands-on activities will be included to make this an interactive session.

Instructor: Jay Barber, Missouri Department of Conservation

Saturday: 1:30 p.m.-5 p.m.

TRADITIONAL ARCHERY

Enrollment Limits: 20

(Moderate)

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

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

Sunday: 1:30 p.m. – 5 p.m.

UNDERSTANDING THE WEATHER

Enrollment Limit: 20

(Low)

Have you ever been outside and wondered what that cool gust of wind meant, what about those huge ominous clouds on the horizon? Should I button down the hatches, find shelter, or will it just blow over? In this course you will learn different ways to read the weather and predict what might be about to happen so you can get prepared.

Instructor: National Weather Service-Springfield

Friday: 1:30 p.m. – 5 p.m.

WILD CAVE EXPLORING

Enrollment Limit: 12

(Extreme)

Are you ready for some extreme exploring? After suiting up with your gear, we will drive to Pibern Trailhead and hike a short distance to “Moonshiner’s Cave.” Be ready to crawl on your belly and squeeze through tight passageways. Closed-toe shoes, long sleeves and pants are required. Gloves, knee pads and elbow pads are also highly recommended. Helmets and one source of light will be provided. This activity is not recommended for anyone with mobility difficulties, including recent surgeries, or if you are claustrophobic. Participants must be at least 11 years old to participate and anyone 14 and under must be accompanied by an adult.

Instructor: Kelly Koch, Missouri State Parks

Saturday: 8:30 a.m. – Noon

Sunday: 8:30 a.m. – Noon

WOODWORKING FOR WILDLIFE

Enrollment Size: 15

(Low)

Invite wildlife into your own backyard! Learn how to build unique homes for your backyard buddies. In this course, each participant will construct at least one blue birdhouse and a bird feeder. Other projects may be included.

Instructor: U.S. Forest Service

Friday: 1:30 p.m. – 5 p.m.

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