

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 the weekend of October 8-10, 2021, 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 nine (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's nine (9) to twelve (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 thirteen (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, see class descriptions.)

KIDS CAMP

Designed for children four (4) 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 \$50 per child. Kids Camp is held all day Saturday and Sunday. Please note children 4 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 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

WOW School registration is now **online**. To register online or for fillable forms, please visit <https://wondersofwildlife.org/education/wow-school/>.

Registration opens August 15, 2021 and closes September 16, 2021. Registrations postmarked after September 16, 2021, will be accepted only if space is available and are subject to a nonrefundable \$10 late fee.

TO REGISTER FOR WOW, YOU MUST:

- Complete registration for each person planning to attend WOW school at <https://wondersofwildlife.org/education/wow-school/>.
- If you are unable to register online, you can fill out a registration form and mail to the address below. No registrations will be accepted by phone, email or fax.
- Please keep in mind, if you mail in your registration form, you will not have date priority.
- 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 4 to 8 must be registered in Kids Camp on Saturday and Sunday, and on Friday with their parent or guardian.
- Classes fill up quickly, with online registration only open classes can be seen during each time slot...
- Registrations received after Sept. 16, 2021, will be accepted only if space is available and will be subject to a \$10 late fee.
- If mailing in your registration, please enclose payment in full; make checks payable to WOW School Roaring River.

**ATTN: WOW School Roaring River
Wonders of Wildlife
600 W Sunshine
Springfield, MO 65807**

- 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 16, 2021. All refunds are subject to a \$10 non-refundable service fee. Absolutely no refunds will be given after September 16, 2021. When/if applicable, refunds will be processed after a three-week (minimum) waiting period.

CONFIRMATION

Participants will receive a confirmation email after registration has been completed. 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 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. 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

Silent auction items start at WOW Headquarters on Friday, and Saturday morning. These items will be moved to a LIVE auction, starting with the final silent auction bid, and ending when the final bid is made. Winners will receive a numbered tag and can pick up items and take care of payment 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 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. The cost for an electric site is \$23 per night and basic sites are \$13 per night. Discounted rates are available to persons with disabilities and people 65 years of age 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 based on need. To apply see link below <https://wondersofwildlife.org/education/scholarship/>

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.

LOCAL PARTNERS AND SPONSORS

Midwest Flies

MOPARKS, Inc.

Roaring River State Park

Paw Paw Patch Production

Roaring River MDC Hatchery

Earth First 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

37 North Expeditions

National Deer Association

COURSE SCHEDULE

FRIDAY 1:30 PM – 5 PM

BASIC SNORKELING

Enrollment Size: 10 (High)

Explore the underwater world of the Ozarks by snorkeling! Learn necessary snorkeling skills in the lake. Personal Floatation Devices, masks, and snorkels will be provided. (Participants encouraged to bring their own equipment if possible.) Confident swimmers only. **This class will be held off-site, you will need to provide your own transportation.**

(Ages 12+)

Instructors: Carrie Bond & Angela Sokolowski, USDA Forest Service

BASIC KAYAKING

Enrollment Size: 10/session (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, you will need to provide your own transportation.**

(Ages 12+)

Instructor: Justin Adams, Missouri State Parks
Friday: 1:30-3
Friday: 3:30-5

FAMILY CAVE HIKE

Enrollment Limit: 30 (Moderate)

Join Roaring River State Park Interpreter Kelly Koch 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 ½ mile hike around Devil's Kitchen Trail. Please wear closed-toe shoes, clothes that can get a bit dirty and bring a flashlight.

(Ages 7+)

Instructor: Kelly Koch, Missouri State Parks

FAMILY DUTCH OVEN COOKING

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

(Ages 9+)

Instructor: Dr. Larry Quinalty, Dutch Oven Cooking Specialist

FAMILY SEA STAR DISSECTION

Enrollment Size: 20 (Low)

Although they are commonly called starfish, these animals aren't fish, which is why they are more accurately referred to as sea stars. Sea stars belong to the group of animals called echinoderms and are related to sea urchins, sand dollars, and sea cucumbers. During this class, you will look at the external and internal anatomy of a sea star through an instructor lead dissection and engaging activities.

(Children Under 16 must be accompanied by an Adult)

Instructor: Alexander Konarski, Wonders of Wildlife

FARM TO TABLE

Enrollment Size: 30 (Low)

Looking to find a more sustainable way to bring food to your table that is eco-friendly and benefits small famers? Then farm to table is for you! In this course, you will learn the basics of the farm to table movement, as well as where to shop and how to find quality goods. You will then be guided through the process of canning to create your very own jam to take home to your table!

Instructor: Audrey Moore, Nichole Mosley, Wonders of Wildlife

LIFE IN AN OZARK STREAM

Enrollment Size: 20 (Low)

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 the stream, while we 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, Stream Team Assistant

OVERNIGHT CANOE TRIP

Enrollment Size: 12 (High)

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

Canoe camping is a course about the fundamentals of paddling and 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 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 previous canoeing or kayaking experience is required.

(Ages 13+)

Instructor: Lance and Beth Ussery, Upper Edge Adventures

Friday: 1:30 – 5:00 p.m.

Friday: 7 p.m.

Saturday: 8:30 a.m. – Noon

TRASH TO SURVIVAL

Enrollment Size: 20 (Moderate)

In a survival situation, we do not always find ourselves with the tools and resources we would like to have. With the proper knowledge and ingenuity, you can make what you need. There are tons of litter out in nature. Many animals and plants are negatively affected by this. In a survival situation, however, this trash and litter can work to your advantage and get you out alive! This is about using ordinary everyday waste items to craft supplies that can be used to help you survive in nature.

Instructor: Matthew Murray, Wonders of Wildlife

TOPOGRAPHIC MAPS 101:

Enrollment Size: 25 (Low)

Learn the concepts of topographic map reading and enjoy some fun activities to help learn this unique skill. We will start with some simple terminology and 2D map reading and then quickly get into some fun and engaging activities such as plotting routes and modeling maps with clay!

(Ages 10+)

Instructor: Danny Collins, 37 North Expeditions

FRIDAY 7 PM – 9 PM

BEYOND S'MORES

Enrollment Size: 20 (Low)

S'more WHAT?? That is right; there are MORE treats to make around a campfire than just the ole S'more. You will have the opportunity to learn and eat 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: Deanna Carpenter, Wonders of Wildlife Volunteer

MAKING MACRAME

Enrollment Size: 20 (Low)

Macrame is a textile formed by knotting and has been used since the 7th century. In this course, you will learn the history of macrame and how to use this technique to make coasters and a plant hanger. These handmaid pieces will make a beautiful addition to any home and the techniques learned can be used to make many more pieces in the future.

(Ages 10+)

Instructor: Audrey Moore, Wonders of Wildlife

OVERNIGHT CANOE TRIP

Enrollment Size: 12 (High)

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

Canoe camping is a course about the fundamentals of paddling and 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 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 previous canoeing or kayaking experience is required.

(Ages 13+)

Instructor: Lance and Beth Ussery, Upper Edge Adventures

Friday: 1:30 – 5:00 p.m.

Friday: 7 p.m.

Saturday: 8:30 a.m. – 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 Sitting-up Perez, USDA Forest Service

OZARK HISTORY AND FOLKLORE

Enrollment Size: 40 (Low)

Have you ever wondered how the Ozark's got its name and how it came to be settled? In this class, you will learn the answers to these questions, and more. We will also discuss some of the

sayings and folklore that has been prevalent for as long as people have lived in these hills; including what it means to be a “hillbilly.”

Instructor: Tim Smith, Missouri Department of Conservation

SPIDER SNIFFERS

Enrollment Size: 35 (Low)

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!

Instructor: Kelly Koch, Missouri State Parks

WILDLIFE TRIVIA

Enrollment Size: 50 (Low)

Join us for this classic game with a twist. Wildlife trivia will test your knowledge of wildlife names, tracks, sounds, and other general wildlife knowledge. This is fun for the whole family, but also challenging enough for the enthusiast!

Instructor: Holly Balch and Matthew Murray, Wonders of Wildlife

SATURDAY 8:30 AM – NOON

KIDS CAMP

Enrollment Size: 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 4-8)

Instructor: Nichole Mosley, Holly Balch, Wonders of Wildlife
Saturday: 8 AM – 5:30 PM
Sunday: 8 AM – 5:30 PM

APPRECIATING MO WILDFLOWERS

Enrollment Size: 12 (Low)

“Weeds are flowers too, once you get to know them.” This course will expand your knowledge in identifying Missouri wildflowers, and when/where to find them. This course will include a light walk and a creative wildflower themed project/activity.

Instructor: Gala Keller/ Rose Atchley/ Sherryl Walker, Missouri Master Naturalist

BEGINNING FISHING

Enrollment Size: 15 (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, casting 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 location will be held off site. You will need to provide transportation.**

Instructor: Tim Smith, Missouri Department of Conservation

CROSSBOW CRAZE

Enrollment Size: 15 (Moderate)

Join the crossbow craze sweeping Missouri by attending one of two identical sessions of this introductory program on crossbows. Participants 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. (Ages 11+)

Instructor: Andy Rhodes, Missouri Department of Conservation

DEER HUNTING 101

Enrollment Size: 20 (Moderate)

Do you have a desire to learn how to source your own protein? Have you always wanted to learn more about hunting but weren't sure who to ask? Do you have an interest in deer hunting but don't know where to start? If you answered yes to any of these questions, then this is the course for you! We will cover the basics of where to hunt, how to hunt, rules & regulations, signs & tracking, deer biology, shot placement, hunting equipment, and more. Please wear good walking shoes or hiking boots as we will be out in the field looking for deer habitat and sign.

Instructor: Cheyne Matzenbacher, National Deer Association

FIRE BY FRICTION

Enrollment Size: 12 (Moderate)

The creation of 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. A bit of 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. Each person can make a fire kit to take home.

(Ages 12+)

Instructor: Bo Brown, Earth First Wilderness School

INTRO TO FLY FISHING AND CASTING

Enrollment Size: 12 (Moderate)

In this class students will learn introductory casts and techniques to fly fishing. You will get to explore different types of gear, knots, and those techniques you will want to remember! Get ready to have some fun and enjoy the sun.

(Ages 11+)

Instructor: Bryon Putman and Allen Keller, Missouri Department of Conservation

INTRO TO STAND-UP PADDLE BOARDING

Enrollment Size: 10/Session (Low)

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! This class will be located off site. **This class will be held off-site, you will need to provide your own transportation.**

(Ages 10+)

Instructor: Matthew Murray, Wonders of Wildlife
8:30 AM – 10:30
10:30-Noon

OVERNIGHT CANOE TRIP

Enrollment Size: 12 (High)

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

Canoe camping is a course about the fundamentals of paddling and 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 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 previous canoeing or kayaking experience is required. This is a Multi-Session Class, must take all sessions.

(Ages 13+)

Instructor: Lance and Beth Ussery, Upper Edge Adventures
Friday: 1:30 – 5:00 p.m.
Friday: 7 p.m.
Saturday: 8:30 a.m. – Noon

OVERNIGHT BACKPACKING BASICS

Enrollment Size: 8 (High)

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

Backpacking is a great way to experience the wilderness of the Ozarks. This class will cover the basics to get you started on the right path! After a short classroom session, participants will venture out into the rugged Ozark landscape for a hike at Roaring River State Park. During the 4-5-mile hike, we will learn how to filter water, cook a meal, and set up camp all while practicing the principles of Leave No Trace. We will provide the gear and one tasty, dehydrated meal. Participants will need to be able to hike in steep terrain for 4-5 miles and must provide their own hiking boots or shoes. This is a Multi-Session Class, must take all sessions. There will not be a break in between each session and you will not be sleeping overnight, however, this class will give you all of the knowledge that you will need to do an overnight backpacking trip.

(Ages 12+)

Instructor: Justin Adams, Missouri State Parks
Saturday: 8:30 am – Noon
Saturday: 1:30 – 5 pm

PIN AND THREAD ART

Enrollment Size: 35 (Low)

Looking to add a new piece of wall art to your home? Well, join us to create your very own home décor! In this class, you will use materials such as wood, nails, and cord to make a string art masterpiece!

Instructor: Audrey Moore, Wonders of Wildlife

ROD BUILDING

Enrollment Size: 10 (Low)

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

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.

Instructors: Charlie Stock, Midwest Flies
Multi-Session: Saturday 8:30 AM - Noon
Sunday 8:30 AM-Noon
Sunday: 1:30 PM – 5 PM

TREMEMENDOUS SWITCH PLATES

Enrollment Size: 15 (Moderate)

Using trees for inspiration, we will decorate attractive and useful light switch plates. In the course, we will use polymer clay and other media to sculpt our tree-inspired designs.

(Ages 12+)

Instructor: Cyndi Cogbill, Tiffani Martin, Janet Price, and Joyce Haynes

WILD CAVING

Enrollment Size: 10 (Extreme)

Are you ready for some extreme exploring? If so, then join us for spelunking! After getting the proper caving gear, you will drive to Pibern Trailhead, then hike to the cave. Be ready for some belly crawling as you go underground. Bring along two sources of light and wear clothes that you don't mind getting dirty. **Pants and long sleeves are required!** Gloves, knee, and elbow pads are highly recommended. Caving helmets and one source of light will be provided to those who don't have one. Please bring a vehicle, you will need your own transportation to the trailhead.

(12+)

Instructor: Kelly Koch, Missouri State Parks

WOOF EM

Enrollment size: 20 (Low)

Woof'em sticks are a new fun way to cook over the campfire. Each participant will make and take their own woof'em stick. We will teach you different recipes and tips, in addition you will create your own meal, including the best part - dessert!

Instructor: Deanna Carpenter

WOW YOUNG ADVENTURES

Enrollment Size: 10 (Moderate)

Kids will fish, hike, learn geocaching, and do nature crafts; we will also make a snack over a campfire if conditions allow. Make sure kids are dressed for the weather and bring water and any snacks if they have food allergies. **Participants must be ages 9 – 12, parents are not required.** Please refrain from signing up for both Young Adventures courses, as this is a repeat class.

(Ages 9-12)

Instructor: Theresa Davidson, Nettie Sitting-Up Perez, Sueanne Cmehil-Warn, US Forest Service

SATURDAY 1:30 PM – 5 PM

BEGINNING ARCHERY

Enrollment Size: 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.

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

BEGINNING ORIENTEERING

Enrollment Size: 20 (Moderate-High)

Have you ever wondered when out on a hike "If I stepped on a trail and got turned around, could I find my way back?". Navigation is a crucial part of survival and you won't always have the pleasant GPS voice to give you directions. During this session, you will learn the basics of orienteering and how to read a topographical map while using a compass to guide you on your way as well as other possible life saving tips when trying to navigate the world.

Instructor: Alexander Konarski, Wonders of Wildlife

BLACK WALNUT BASH

Enrollment Size: 20 (Low)

Fall is the perfect time to learn about the variety of uses for Black Walnuts. We will begin by learning how to harvest, hull, sort, store, and crack black walnuts. Next, we will look at how to outer hulls can be used to make ink and dyes. Participants will leave with an original work of art created with the natural materials. Black walnuts are notorious for staining skin and clothes. Please wear clothes you don't mind getting dirty.

Instructor: Kelly Koch and Cyndi Cogbill

CROSSBOW CRAZE

Enrollment Size: 15 (Moderate)

Join the crossbow craze sweeping Missouri by attending one of two identical sessions of this introductory program on crossbows. Participants 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.

(Ages 11+)

Instructor: Andy Rhodes, Missouri Department of Conservation

DIY YARD GAMES

Enrollment Size: 20 (Moderate)

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

Instructor: Sara and Rob Anderson, Wonders of Wildlife

FLY TYING

Enrollment Size: 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.

Instructor: Charlie Stock, Midwest Flies

GEOCACHING WITH A SMARTPHONE

Enrollment Size: 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)

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

GOURMET DUTCH OVEN COOKING

Enrollment Size: 16 (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 the equipment used in outdoor cooking. Safety will be stressed along with respect for fire.

(Ages 12+)

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

MISSOURI CATFISHING

Enrollment Size: 15 (Moderate)

Let's talk catfish! These amazing bottom feeders have unique adaptations that help them find their food making them one of the most popular and abundant fish in the state. In this course, you will learn tips and tactics on bait, rods, reels, regulations, and even identification. Together we will practice specific fishing knots and seasonal rigging techniques while learning when to use them. Lastly, we will put all this knowledge together and test your catfishing skills!

Instructor: Jordan Kukal, Wonders of Wildlife

MISSOURI TROUT AND A FLY RODS

Enrollment Size: 12 (Moderate)

This course is dedicated to trout-chasing, fly-anglers, who want to know more about trout! In this course, we will talk about trout, Missouri history, trout physiology, and information pertinent to

catching them. We will also show various techniques using a fly rod. This course is for experienced anglers who are comfortable with basic fly casting.

Instructor: Bryon Putman and Allan Keller, Missouri Department of Conservation

MODERN BIRDING 101:

Enrollment Size: 25 (Moderate)

Technology and birding truly do go hand in hand. Learn from an expert birder about some amazing applications that help you get into this engaging activity. We will start off by going through basics of bird identification and then take to the trails for a slow walk where we use our new applications to find/id birds in our area.

Instructor: Danny Collins, 37 North Expeditions

OVERNIGHT BACKPACKING BASICS

Enrollment Size: 8 (High)

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

Backpacking is great way to experience the wilderness of the Ozarks. This class will cover the basics to get you started on the right path! After a short classroom session, participants will venture out into the rugged Ozark landscape for a hike at Roaring River State Park. During the 4-5-mile hike, we will learn how to filter water, cook a meal, and set up camp all while practicing the principles of Leave No Trace. We will provide the gear and one tasty, dehydrated meal. Participants will need to be able to hike in steep terrain for 4-5 miles and must provide their own hiking boots or shoes. This is a Multi-Session Class, must take all sessions. There will not be a break in between each session, and you will not be sleeping overnight, however, this class will give you all of the knowledge that you will need to do an overnight backpacking trip.

(Ages 12+)

Instructor: Justin Adams, Missouri State Parks
Saturday: 8:30 am – Noon
Saturday: 1:30 – 5 pm

PRIMITIVE BASKETRY AND CONTAINERS

Enrollment Size: 8 (Moderate)

Baskets were made from a variety of material including vines, like grapevine and Virginia creeper. This course will give the participants a chance to make baskets with natural materials, and we'll discuss other methods to make various containers. We'll also learn the skill of cordage (string & rope from plant or animal fiber) to finish out the baskets. Participants must be at least 10 years of age.

(Ages 10+)

Instructor: Bo Brown, First Earth Wilderness School

RAPPELLING

Enrollment Size: 10 (Extreme)

Fear of heights and trouble trusting others are both things that many of us struggle with. 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 will even have the opportunity to rappel down a beautiful Ozark Mountain bluff!

Instructors: Riley DeLong, Wonders of Wildlife Volunteer

WOW YOUNG ADVENTURES

Enrollment Size: 10 (Moderate)

Kids will fish, hike, learn geocaching, and do nature crafts; we will also make a snack over a campfire if conditions allow. Make sure kids are dressed for the weather and bring water and any snacks if they have food allergies. **Participants must be ages 9 – 12 and parents are not required.** Please refrain from signing up for both Young Adventures courses, as this is a repeat class.

(Ages 9-12)

Instructor: Theresa Davidson, Nettie Sitting-Up Perez, Sueanne Cmeheil-Warn, USDA Forest Service

SUNDAY 8:30 AM – NOON

KIDS CAMP

Enrollment Size: 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 4-8)

Instructor: Nichole Mosley, Holly Balch, Wonders of Wildlife

Saturday: 8 AM – 5:30 PM

Sunday: 8 AM – 5:30 PM

ADVANCED FLY TYING

Enrollment Size: 10 (Low)

Take your fly-tying skills and techniques to the next level with this advanced flying 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

AQUATIC MACROINVERT FOR FLY ANGLERS

Enrollment Size: 20 (Moderate)

Fly anglers create tiny lures to imitate river critters that trout like to eat. Join Roaring River State Park Interpreter Kelly Koch to learn about the aquatic macroinvertebrates in Roaring River. We will start in the classroom to learn about the insects' lifecycles and compare our favorite fly patterns to local insects. Then we will go to the river and use kick nets to reveal the tasty tiny critters trout eat. Please come with your own transportation, clothes that can get wet, and water shoes (No flip-flops!).

Instructor: Kelly Koch, Missouri State Parks

ARCHERY TAG

Enrollment Size: 16 (Moderate)

Are you ready for a new twist on a classic, with all 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 on our professional course. Fun for all ages!

Instructor: Jeremy & Justin Craig, WOW Volunteer

ATLATL AND RIVERCANE DART

Enrollment Size: 12 (Moderate)

Around 15,000 years ago, the earliest paleo people to enter North America brought this powerful weapon to hunt woolly mammoth and other Pleistocene mega-fauna. 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 approach that of a .357 handgun, and it is legal for hunting deer in Missouri. Participants will learn to construct an atlatl and use heat to straighten a rivercane dart, then we'll practice on a target!

(Ages 12+)

Instructor: Bo Brown, Earth First Wilderness School

BACKPACK COOKING

Enrollment Size: 20 (Moderate-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 Devil's Kitchen Trail to cook our food. Be prepared for a steep incline and any type of weather. Come hungry!

Instructor: Audrey Moore, Wonders of Wildlife

BIRDHOUSE WOODWORKING

Enrollment Size: 25 (Moderate)

Do you want to attract more and different types of wildlife to your yard or property? Building a proper house for your desired wildlife type can increase your chances of seeing them and having them nest there. In this class, you will build your own birdhouse and take home plans for others. (Ages 10+)

Instructor: Matthew Murray, Wonders of Wildlife

DIY PUMPKIN

Enrollment Size: 16 (Moderate)

Spice up your fall décor with a pumpkin that will last the entire season. Using concrete and household materials, you will make a project that you will FALL in love with.

Instructor: Sara & Rob Anderson, Wonders of Wildlife

PRIMITIVE SHELTER BUILDING

Enrollment Size: 25 (High)

You've set out on a lovely hike; the birds are singing, and breeze is blowing. Then suddenly, that gentle breeze grows colder and when you look behind you dark clouds are covering the once open blue sky, what do you do!? Whenever you're out in the wild the weather can be one of the most unpredictable and dangerous factors to deal with. Learn what you need to know to help keep you dry, warm or cool and above all safe in the outdoors when you only have what's around you. You will also get a leather-bound journal to keep and take with you to record your adventures.

Instructor: Alexander Konarski, Wonders of Wildlife

RAPPELLING

Enrollment Size: 10 (Extreme)

Fear of heights and trouble trusting others are both things that many of us struggle with. 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 will even have the opportunity to rappel down a beautiful Ozark Mountain bluff!

Instructors: Riley DeLong, Wonders of Wildlife Volunteer

ROD BUILDING

Enrollment Size: 10 (Low)

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

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.**

Instructors: Charlie Stock, Midwest Flies

Multi-Session: Saturday 8:30 AM - Noon

Sunday 8:30 AM-Noon

Sunday: 1:30 PM – 5 PM

TRADITIONAL ARCHERY

Enrollment Size: 15 (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

SUNDAY 1:30 PM – 3:30 PM

BIRDS OF PREY ANIMAL PROGRAM

Enrollment Size: 30 (Low)

Between the sharp hooked beak and their insanely tight gripped talons, birds of prey are one predator that you do not want to mess with. In this course, prepare to learn all about these amazing animals, as well as different adaptations that help them survive, all while getting to meet live birds!!

Instructor: Cody Skidmore, Wonders of Wildlife

FUZZ STICKS AND 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.

Instructor: Tim Smith, Missouri Department of Conservation

HOLIDAY HOME DÉCOR:

Enrollment Size: 20 (Low)

No-sew gnomes and a mason jar lid pumpkin are just a few of the items that you will have the opportunity to make in this course. Using nature inspired themes, we will create art that is sure to impress your guests for the holidays.

Instructor: Audrey Moore, Wonders of Wildlife

SUNDAY 1:30 PM – 5 PM

ARCHERY ART

Enrollment Size: 20 (Low-Moderate)

Some archers consider themselves to be artists with a bow in hand, are you ready to join the ranks? Then come on out and join us for a paint class like you’ve never experienced, where your arrows will be your brush! We will cover basic archery techniques with interactive target shooting before taking to the canvas. Let your wild side and creative side run free in this un-traditional take on two classics. Even Robin Hood would be impressed with your works of art!

Instructor: Alexander Konarski, Wonders of Wildlife

ARCHERY TAG

Enrollment Size: 16 (Moderate)

Are you ready for a new twist on a classic, with all 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 on our professional course. Fun for all ages!

Instructor: Jeremy & Justin Craig, WOW Volunteer

FORAGING 101: EDIBLE/MEDICINAL PLANTS AND INSECTS

Enrollment Size: 15 (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 10+)

Instructor: Bo Brown, Earth First Wilderness School

GEOCACHING WITH A SMARTPHONE

Enrollment Size: 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)

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

GOURMET DUTCH OVEN COOKING

Enrollment Size: 16 (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 the equipment used in outdoor cooking. Safety will be stressed along with respect for fire.

(Ages 12+)

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

RAPPELLING

Enrollment Size: 10 (Extreme)

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(12+)

Instructors: Riley DeLong, Wonders of Wildlife Volunteer

ROD BUILDING

Enrollment Size: 10 (Low)

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

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.**

Instructors: Charlie Stock, Midwest Flies

Multi-Session: Saturday 8:30 AM - Noon

Sunday 8:30 AM-Noon

Sunday: 1:30 PM – 5 PM

WATER FILTRATION 101:

Enrollment Size: 30 (Low)

Learn the concepts behind water filtration in the field while practicing some hands-on techniques. We will start by teaching the concepts behind filtration practices and then get our hands dirty while working with different techniques and showcase some modern options for backcountry filtration.

Instructor: Danny Collins, 37 North Expeditions