



National Outdoor Recreation  
& Conservation School

**Exploring, Discovering, Learning**

*Creating the opportunity to get outdoors!*



**Roaring River WOW**

**Roaring River State Park**

**Oct. 7-9, 2011**



### **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, call Roaring River State Park at 417-847-3742 or call Wonders of Wildlife at 417-225-1118 or 417-225-1131; or e-mail Wonders of Wildlife at [registration@wondersofwildlife.org](mailto:registration@wondersofwildlife.org). Registration materials are available online at [mostateparks.com/wow.htm](http://mostateparks.com/wow.htm).

**Registration deadline is Sept. 16, 2011.**

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## **WOW on Facebook**

Sign up for Facebook to connect with WOW National  
Outdoor Recreation and Conservation School.

*[facebook.com/wowschool](https://facebook.com/wowschool)*

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## **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 and 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 Columbus Day weekend Oct. 7-9, 2011, 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 [mostateparks.com/roaringriver.htm](http://mostateparks.com/roaringriver.htm).

## **Registration**

Each individual must pre-register for all educational programs in which they participate. To ensure that the registration process is fair to everyone, registrations will only be accepted by mail (metered mail will not be accepted) or fax 417-890-9278. Sorry, absolutely no registrations will be accepted by phone or e-mail. Registration will open on Monday, Aug. 1, 2011. The courses will be filled on a priority basis. First priority will be given to all properly postmarked registrations dated Monday, Aug. 1, 2011. A lottery system will further determine priority – registrations will be sorted and grouped by date postmarked, and then will randomly be opened and processed. Registration deadline is Friday, Sept. 16, 2011. Registrations received after Sept. 16, 2011, 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 some 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.*

**WOW Roaring River State Park registration deadline is Sept. 16, 2011.**

## To register for WOW, you must:

- Complete a registration form (one per person please).
- 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 particular date. At that point, every attempt will be made to contact you; however, if you are unable to be reached, your registration will not be processed until proper contact has been made.

*Some of the courses are very popular and if you have taken them in the past, please allow other participants an opportunity to take them.*

- Enclose payment in full; make checks payable to WOW.
- Sign and return the liability/photo release form.
- Mail registration materials and payments to:

**Wonders of Wildlife  
ATTN: Misty Mitchell  
RRSP WOW School  
500 W Sunshine  
Springfield, MO 65807**

**PLEASE NOTE:  
If any of the above is not  
received, your registration  
will not be processed.**

### Confirmation Letter

Participants will receive a confirmation letter after registration has been completed (please allow up to 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 course (including clothing or equipment needs), a detailed map of the WOW campus, a special schedule for transportation (if being provided) and special event information. The confirmation letter is meant to ensure that participants are aware of their responsibilities and expectations before arriving at WOW.

### 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.

### Cancellation Policy

Cancellation and refund requests must be submitted in writing to WOW School, prior to Sept. 16, 2011. All refunds are subject to a \$10 non-refundable service fee. Absolutely no refunds will be given after Sept. 16, 2011. When/if applicable, refunds will be processed after a three-week (minimum) waiting period.

## **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 Sept. 16, 2011.

In your letter, include why you want to attend, the ages of your family members and a contact phone number.

## **Age Requirements**

Participants must be nine years of age or older to attend WOW. An adult must accompany children ages nine to 12 to all classes and program activities, except the WOW Young Adventurers. (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.

## **Physical Activity Guide**

To help you anticipate each course and know what physical levels to expect of each course, 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/endorance.
- Moderate - Requires moderate physical skills/endorance.
- High - Requires high levels of physical skills/endorance.
- Extreme – Requires the highest level of physical skills/endorance.

## **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.

## **Transportation**

Individuals are responsible for their own transportation to classes and program activities. Most classes are within walking distance of Roaring River State Park (hotel, cabins and campgrounds), 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 you own transportation.)

## **Auction**

There will be a silent auction, starting during registration and running till 6:30 p.m. Saturday. The winners will be announced at the dinner Saturday evening and will need to pay at that time.

## **Kids Camp**

Designed for children four to eight years of age, the youth camp offers exciting outdoor activities. Located in Roaring River State Park, the youth 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 youth camp is \$50 per child. For more details, please see the enclosed information.

## **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. For information on other accommodations, contact the Cassville Chamber of Commerce at 417-847-2814 or online at [cassville.com](http://cassville.com).

Reservations for camping can be made by calling 877-422-6766 or you can visit the website at [mostateparks.com](http://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, 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 65 years of age or older. Roaring River State Park also offers several 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.

## **15<sup>th</sup> Anniversary Fair**

On Friday from 6 p.m. to 8 p.m., we will have a 15<sup>th</sup> WOW School Anniversary Celebration with cake and ice cream. During this event you will be able to learn how to expand your outdoor knowledge and skills by talking to conservation groups and product vendors. We will have lots of fun activities and games, so bring the entire family as we celebrate where we have been and where we are going.

*Fishing and hunting licenses or trout fishing tags are not required to participate in any of the related courses during WOW. Missouri law requirements for fishing tags, hunting license and trout fishing tags apply all other times.*

## COURSE DESCRIPTIONS

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### **A TISKET, A TASKET**

**Enrollment Limit: 20**

**(Low/Moderate)**

Learn to make coil and wrap baskets. Here is a world-wide method for weaving baskets and mats out of easily found natural and man-made materials such as grass and pine needles. Apply your new skills to make useful items from cattail leaves, rope, yarn, cloth and recycled paper. Decoration ideas will also be presented. All materials provided.

*Instructor: Diane Tucker, Missouri Department of Natural Resources*

*Friday: 1:30 p.m. - 5 p.m.*

### **ADVANCED FLY TYING**

**Enrollment Limit: 12**

**(Low)**

This course is an advanced course to the art and science of fly tying. You will see and use some 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: 1:30 p.m. - 5 p.m.*

### **BASIC FLY FISHING**

**Enrollment Limit: 12**

**(Low)**

This course is designed for the beginning and novice fly fisher, or anyone who thinks they may wish to go beyond casting worms. Learn the basics of fly selection, fly fishing gear and how to choose and outfit your fly rod. You will receive individualized fly-casting instruction and learn skills needed to catch fish. Participants will benefit from using their own equipment; however, 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: Byron Putman, Missouri Department of Conservation*

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

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

### **BASIC WHITEWATER KAYAKING**

**Enrollment Limit: 8**

**(High)**

Canoeing or kayaking through whitewater rapids can be a thrilling experience. In this course, you will understand the equipment and techniques to have a safe whitewater experience and a firm respect for the power of nature's waterways.

*Instructor: Hugh Gibson, Missouri State University*

*Sunday: 1:30 p.m. - 5 p.m.*

**BEGINNING ARCHERY****Enrollment Limit: 20****(Low/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 technique and equipment selection. Participants will receive individualized instruction and ample time to practice what they learn.

*Instructor:* To Be Determined

*Sunday:* 8:30 a.m. – Noon

**BEGINNING CANOEING****Enrollment Limit: 12****(Moderate)**

Canoeing, either on a lake or stream, can be an enjoyable activity for one person or the entire family. It is a way to relax and enjoy stream aquatic life and the many forms of wildlife that live within the stream ecosystem. Learn the basics you need to know to enjoy this activity. Personal floatation devices (PFD) will be worn while on the boat; bring your own if you like. You will need to provide your own transportation to and from Table Rock Lake.

*Instructor:* To Be Determined

*Saturday:* 8:30 a.m. – Noon

*Sunday:* 1:30 p.m. – 5 p.m.

**BLACKSMITHING****Enrollment Limit: 10****(Moderate)**

Have you ever considered creating objects from steel by forging the metal? Learn how to use the tools to hammer, bend and cut hot metal.

*Instructor:* To Be Determined

*Saturday:* 8:30 a.m. – Noon and 1:30 p.m. – 5 p.m.

**DUTCH OVEN COOKING****Enrollment Limit: 20****(Moderate)**

Learn the basic skills to 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.

*Instructor:* To Be Determined

*Saturday:* 8:30 a.m. – Noon

*Sunday:* 8:30 a.m. – Noon

## **ENTOMOLOGY AND FLY SELECTION**

**Enrollment Limit: 20**

**(Moderate)**

Ever wonder what fly to use when fly fishing? Learn how to select your flies based on what fish are actually eating. This class will look underwater at the critters that fish feed on and then search the fly boxes for the right ones. We will not actually fish but learn why we select certain flies, how to use them, and presentation of these flies in a correct manner.

*Instructor: Kyle Kosovich, Longboat Outfitters*

*Saturday: 8:30 a.m. – Noon*

## **FAMILY CAVE HIKE**

**Enrollment Limit: 35**

**(Moderate)**

Missouri's motto is the "Show Me State" and we will SHOW you why Missouri's next motto could be "The Cave State." Participants in this course will learn about the fragile ecology that makes caves so fascinating. A one and one-half mile hike and cave visits will be included. Wear hiking boots or good walking shoes and jeans that can get a little dirty. Information about white-nose syndrome, a fungus fatal to bats, will be provided to all participants.

*Instructors: Cheyne Matzenbacher, Missouri Department of Natural Resources*

*Friday: 1:30 p.m. – 5 p.m.*

## **FAMILY DUTCH OVEN COOKING**

**Enrollment Limit: 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.

*Instructors: Larry Quinalty, Dutch Oven Cooking Specialist*

*Friday: 1:30 p.m. – 5 p.m.*

## **FAMILY FISHING**

**Enrollment Limit: 20**

**(Low)**

Are you up for the challenges of taking the whole family fishing? Here is your chance to find out different ways to keep the interest of the entire family in fishing.

*Instructor: Ben Brendel, WOW Museum Intern*

*Friday: 1:30 p.m. – 5 p.m.*

## **FIRE STARTING AND CONTROL**

**Enrollment Limit: 20**

**(Moderate)**

Here is your chance to learn how to start a fire with objects in and around the forest and maybe in the rain. Develop skills to start a fire with one match, and other methods such as flint and steel and bow drill. Learn about the fire triangle and fire structure and how they are important in building and sustaining a fire. Participants will use and start fires with several methods, as time allows.

*Instructor: Sueanne Cmeheil-Warn and Phillip Taggart, U.S. Forest Service*

*Saturday: 8:30 a.m. – Noon*

*Saturday: 1:30 p.m. – 5 p.m.*

## **FISH CLEANING AND COOKING**

**Enrollment Limit: 20**

**(Low)**

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 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 GIGGING**

**Enrollment Limit: 15**

**(Moderate/High)**

Join in an Ozarks tradition by going “fish gigging” on a crisp, fall evening. Your instructors will supply boats, lights, gigging poles and all the necessary items for a successful trip. You will learn the basics of this sport from set-up, catching, cleaning and the best part...eating. You will be on the water for an extended period, so please dress appropriately. Life jackets and all safety equipment will be provided. Transportation will be provided to and from the “giggin” site.

*Instructor: Rick Drummond, National Park Service*

*Friday: 7 p.m.*

*Saturday: 7 p.m.*

## **FLY FISHING TECHNIQUES**

**Enrollment Limit: 12**

**(Low)**

So, what separates fly fishers from water-whippers? A \$500 fly rod? A vest with so much gear you have to have training wheels to lug it around? No, it is in the activity of fly fishing!

This class will help take you from a person standing in a stream whipping a stick around to a person standing in a stream resembling a trout angler. The class will look closely at how to choose and use flies with various retrieves, find trout, specific casts for certain conditions, and other instructions to help you become more proficient with a fly rod. (And hopefully catch trout!) You will need to bring your own gear and selection of flies, and wear clothing adequate for the weather. A pair of sunglasses will help you see the trout. ***This is an advanced course, not for novice or beginning fly fisherpersons.***

*Instructors: Bryon Putman, Missouri Department of Conservation*

*Sunday: 1:30 p.m. – 5 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 we are trying to imitate.

*Instructors: Steve and Waymeth Werries, Midwest Flies*

*Saturday: 1:30 p.m. – 5 p.m.*

*Sunday: 8:30 a.m. – Noon*

## **GEOCACHING**

**Enrollment Limit: 30**

**(Moderate)**

Want to learn more about GPS (Global Positioning System)? Do you own a GPS unit or know how to use one? Want to learn more about GeoCaching? Then this is the class for you! This class will explain GeoCaching and demonstrate how to download existing GPS locations and GeoCaches from the PC to your GPS unit. Then you will be able to go to existing GeoCaches and other GPS locations in the Roaring River area.

Requirements: Understanding of basic operation of GPS. If bringing your own GPS unit, you must bring the PC transfer cable to class.

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

*Sunday:* 8:30 a.m. – Noon

## **GLOBAL POSITIONING SYSTEMS (GPS)**

**Enrollment Limit: 20**

**(Moderate)**

This introductory course on GPS units could be the answer to always knowing your location. A GPS unit is a satellite navigation system that uses latitude and longitude values, sent from satellites, to determine a location - with accuracy of two to five meters! In this course, you will get real hands-on experience using GPS units while in the field. This class will require moderate hiking, as the class navigates around the park using GPS units.

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

*Sunday:* 1:30 p.m. – 5 p.m.

## **GLOBE TREKKING AND BACKPACKING BASICS**

**Enrollment Limit: 20**

**(Low)**

Participants will learn all about the basics of backpacking and trekking in developing countries as well as in our own national forests and parks. We will discuss the advantages/disadvantages of different backpacks, review various equipment, plan meals, and strategize on how to make your load as light as possible. Other topics include Leave No Trace Ethics, proper footwear and clothing, and understanding other cultures.

*Instructors:* Jeff Cantrell, Missouri Department of Conservation

*Saturday:* 8:30 a.m. – Noon

## **GOURMET DUTCH OVEN COOKING**

**Enrollment Limit: 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 equipment used in outdoor cooking. Safety will be stressed along with respect for fire and fire building. Participants must be at least 12 years of age to register for this course.

*Instructors:* Larry Quinalty, Dutch Oven Cooking Specialist

*Saturday:* 1:30 p.m. – 5 p.m.

*Sunday:* 1:30 p.m. – 5 p.m.

## **GROUP ACTIVITIES AND CHALLENGES**

**Enrollment Limit: 30**

**(Low)**

Here is an opportunity for families to participate in confidence-team building and low level initiative activities. From tinker toys to physical challenge, with good communication and team skills your family will creatively solve each initiative challenge. Challenges will be both physically and mentally challenging. Are you, your friends or your family up to the challenge?

*Instructor:* Kara Warren, Springfield-Greene County Parks and Recreation

*Sunday:* 8:30 a.m. – Noon

## **HIGH ROPES CHALLENGE**

**Enrollment Limit: 12**

**(High/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 12 years of age, and any child under 16 must have an adult taking the course with them.

*Instructor:* To Be Determined

*Saturday:* 8:30 a.m. – Noon

*Saturday:* 1:30 p.m. – 5 p.m.

## **INTRODUCTION TO 3-D ARCHERY**

**Enrollment Limit: 15**

**(Moderate)**

Experience the excitement and realism of 3-D target shooting. Learn how to set up and fine-tune your equipment for 3-D shooting or archery hunting. Other topics that will be covered include target panic, range estimation, shot placement and bow hunting ethics and safety. Individual instruction will be provided during practice time. Participants are encouraged to provide their own bows, arrows and personal equipment.

*Instructor:* John Wilson, Black Widow Bows, Hoyt Bows

*Saturday:* 1:30 p.m. – 5 p.m.

## **INTRODUCTION TO HANDGUNS**

**Enrollment Limits: 12**

**(Low/Moderate)**

Don't think you could ever pick up a handgun, shoot it and hit a target? After this course, you will be well on your way to becoming a competent shooter. You will receive time-tested safety instructions, determine your dominant eye for shooting and get practical instruction on correct shooting techniques. You will be shooting semi-automatic .22 handguns. Participants must be 18 or older.

*Instructors:* Jean Mayer, Missouri Department of Conservation

*Saturday:* 8:30 a.m. – Noon

### **INTRODUCTION TO HUNTING GAME BIRDS**

*\*Additional \$5 fee for lunch (This will be collected at registration if you get this class)*

**Enrollment Limit: 12** **(Moderate/High)**

In this course, you will have the opportunity to plan a hunt including what to wear, hunter safety issues, obtaining a place to hunt, and shotgun and shell selection. You will learn how to identify upland game birds found in Missouri and what habitat they prefer. Also, experience an upland game bird hunt with the opportunity of harvesting an upland game bird over the point of a trained gun dog. Participants must be 11 years or older. If born after Jan. 1, 1967, you will need a valid hunter safety card. Parental participation required for participants 11 to 18 years old. You will need to provide your own transportation to and from the hunting area.

*Instructor: Dan Philbrick, Natural Resources Conservation Service*

*Saturday: 8:30 a.m. – 5 p.m.*

### **INTRODUCTION TO SHOOTING SPORTS**

**Enrollment Limit: 25** **(Low)**

Don't think you could ever pick up a gun, shoot it, and hit a target? After this course, you will be well on your way to becoming a competent shooter. You will receive time-tested safety instructions, determine your dominant eye for shooting, and get practical instruction on correct shooting techniques. Also covered in this course will be the different types of firearms available for shooting sports, such as air rifle, .22 caliber handguns, shotguns, etc. Air rifles will be used for target practice

*Instructor: Dan Philbrick, Natural Resources Conservation Service*

*Sunday: 1:30 p.m. – 5 p.m.*

### **INTRODUCTION TO STREAM ECOLOGY**

**Enrollment Limit: 20** **(Moderate)**

Be prepared to get muddy as you 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. Hip and chest waders may be available; bring your own if you would like.

*Instructor: Mary Culler, Missouri Department of Conservation*

*Courtney Culler, U. S. Department of Agriculture*

*Sunday: 8:30 a.m. – Noon*

### **KAYAKING**

**Enrollment Limit: 12** **(Moderate/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. You will need to provide your own transportation to and from Table Rock Lake.

*Instructor: Dave Lako, Missouri Department of Natural Resources*

*Sunday: 8:30 a.m. – Noon*

### **LEAVE NO TRACE (LNT) AWARENESS**

**Enrollment Limit: 30**

**(Moderate)**

During this presentation, we will cover a brief history and the seven principles of Leave No Trace. This class will allow you to be better prepared for your next camping trip or hike in the woods. Each participant will receive an awareness certificate at the completion of the class.

*Instructor:* Missouri State University

*Sunday:* 8:30 a.m. – Noon

### **MISSOURI BIRDS**

**Enrollment Limit: 25**

**(Moderate)**

Participate in learning about the more than 400 species of birds that live or pass through Missouri each year. Join in on discussion about why we love to watch birds and why we want to know more about them. Learn about the tools needed for active birding, and how to observe birds in a manner that helps us to identify the species we are viewing. After a short class period talking about birds, we will depart to experience the enjoyment of viewing and identifying birds in the field. The best way to become a knowledgeable and experienced birder is to just go out and "DO IT." Please bring your binoculars and field guides if you have them.

*Instructors:* Jerry and Margie Williams, Audubon Society

*Saturday:* 8:30 a.m. – Noon

### **MOUNTAIN BIKING**

**Enrollment Limit: 12**

**(High/Extreme)**

Learn the basics of mountain biking and get in shape while exploring the great outdoors! Topics covered will include how to set up your bike, off-road ethics, bike maintenance, repairs on the trail and mountain biking techniques. Participants may provide their own bike and helmet; there will be a limited number of bikes available.

*Instructor:* Duston Morris, 3 Sport Fitness

*Saturday:* 8:30 a.m. – Noon

*Saturday:* 1:30 p.m. – 5 p.m.

### **NATURE JOURNALING**

**Enrollment Limit: 15**

**(Moderate)**

This class is a combination of field sketching and nature writing. 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 sketches and writing in your journal. Bring a daypack to hold your materials and something portable to sit on while you draw and write.

*Instructor:* Nettie Sittingup-Perez, U.S. Forest Service

*Sunday:* 8:30 a.m. – Noon

### **NATURE PHOTOGRAPHY FOR THE BUDDING ENTHUSIAST**

**Enrollment Limit: 20** (Low)

Designed for the budding enthusiast (beginners and new camera owners), this course will include an introduction to your digital or film camera. Pointers and ideas for taking pictures of scenery, wildflowers, animals and small objects will be given. Bring plenty of film as we will take the class outdoors and practice taking pictures of different objects.

*Instructor:* Kerry Hays, Missouri Department of Natural Resources

*Saturday:* 1:30 p.m. – 5 p.m.

### **NATURE PHOTOGRAPHY FOR INTERMEDIATE CAMERA SHOOTERS**

**Enrollment Limit: 20** (Low)

This class is designed to take an indepth look at your digital and film cameras and all of the gadgets that go with them. The class will spend time discussing more advanced techniques with lenses, tripods, digital files and time photography as it relates to taking pictures of the great outdoors. Bring plenty of film or memory cards as the class will be going outdoors to practice our new skills.

*Instructor:* Kerry Hays, Missouri Department of Natural Resources

*Sunday:* 1:30 p.m. – 5 p.m.

### **NATURE WREATH MAKING**

**Enrollment Limit: 20** (Moderate)

In this session, you will learn how to make wreaths and then decorate them with items provided by Mother Nature, or recycle from outdoor activities.

*Instructors:* Wonders of Wildlife Museum Staff

*Sunday:* 1:30 p.m. – 5 p.m.

### **NATURESCAPING**

**Enrollment Limit: 25** (Low)

Tired of watering and fertilizing around your home? Naturescaping could be just the answer. "Grow Native" information can suggest alternatives to non-native cultivators that are wildlife friendly, adapted to this area and require less maintenance. The class includes ideas for various yard types – sunny, shady rocky. Some possible problems and how to remedy them will be discussed.

*Instructor:* Jeff Cantrell, Missouri Department of Conservation

*Sunday:* 8:30 a.m. – Noon

### **PADDLEBOARDING**

**Enrollment Limit: 12** (Moderate/High)

Learn hands-on the adventure and challenges of Stand-Up (SUP) PaddleBoarding. Learn the basics of this upcoming Midwest activity, popular on the east and west coasts for years. Personal flotation devices (PDF) will be worn at all times while on the water; bring your own if you like.

*Instructors:* Melvin Johnson, Springfield-Greene County Parks and Recreation

Kara Warren, Springfield-Greene County Parks and Recreation

*Saturday:* 1:30 p.m. – 5 p.m.

**PADDLESPORTS AMERICA****Enrollment Limit: 20****(Moderate)**

Paddlesports America is an exciting safety course designed to attract the novice paddle enthusiast. This course presents chapters about knowing your paddlecraft, what to do before you get underway, how to operate your boat safely, the legal requirements of boating and boating emergencies.

*Instructor:* Phillip Bailey, U.S. Coast Guard Auxiliary

*Friday:* 1:30 p.m. – 5 p.m.

*Sunday:* 1:30 pm. – 5 pm.

**PRIMITIVE SHELTER AND FIRE BUILDING****Enrollment Limit: 15****(Moderate)**

Whether you're stranded in the wilderness by a disabled car or downed airplane or just enjoy trips into the open country, you can learn to meet basic survival needs (food, water, fire and shelter) and improvise for survival. This crash course will focus on basic wilderness survival and awareness skills and will help participants build a greater sense of confidence in the wilderness. With the surrounding forest as your classroom, participants will receive hands-on practice building shelters and primitive fires.

*Instructor:* Craig Matzenbacher, Royal Ranger Commander

*Sunday:* 1:30 p.m. – 5:00 p.m.

**RAPPELLING****Enrollment Limit: 12****(High)**

Do you have a fear of heights? Do you have a problem trusting others? Here's the cure: learn rappelling. You will learn basic knot tying, proper equipment, climber's lingo and safety. Yes, you will dangle over the edge of an Ozark bluff.

*Instructors:* To Be Determined

*Sunday:* 8:30 a.m. – Noon and 1:30 p.m. – 5 p.m.

**ROD BUILDING****Enrollment Limit: 6****(Moderate)**

*\*Participants are required to take all three sessions.*

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. See website [mudhole.com/shop-our-catalog?search=rod+building+kits](http://mudhole.com/shop-our-catalog?search=rod+building+kits). Please call Mud Hole directly to purchase the rod kit as they can assist with what rod kits are in stock and verify arrival prior to WOW school.

*Instructor:* Charlie Stock, Midwest Flies

*Saturday:* 8:30 a.m. – Noon

*Sunday:* 8:30 a.m. – Noon and 1:30 - 5 p.m.

## **RUG HOOKING**

**Enrollment Limit: 10**

**(Low/Moderate)**

Learn an early American craft called rug hooking and walk away with a completed miniature rug that can be used as a “mug rug” for your coffee cup. Instructor will show you how to select and transfer patterns, choose colored woolen fabric, cut strips to use in your project, hook the rug using a traditional rug hook and finish the edges. You will select between a pumpkin and a leaf for your pattern. All techniques taught can be used to make a larger rug to adorn your home. Rug backing, wool fabric and rug hooks will be furnished. Please bring sewing scissors.

*Instructor: Barbara Willenberg*

*Saturday: 8:30 a.m. – Noon*

## **SURVIVAL SITUATIONS AND PREPAREDNESS**

**Enrollment Limit: 20**

**(Moderate)**

Learn basic outdoor preparedness by reviewing situations and resources for camping, day trips, backpacking, fishing and hunting.

*Instructor: Melvin Johnson, Springfield-Greene County Parks and Recreation*

*Friday: 1:30 p.m. – 5 p.m.*

## **TRADITIONAL ARCHERY**

**Enrollment Limit: 15**

**(Low/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 help of the instructor and get ready for lots of fun.

*Instructor: John Wilson, Black Widow Bows, Hoyt Bows*

*Sunday: 1:30 p.m. – 5 p.m.*

## **TREE IDENTIFICATION**

**Enrollment Limit: 20**

**(Moderate)**

Have you ever wondered what that tree was in your backyard or in the forest around your neighborhood? Discover the trees of Roaring River State Park while hiking along a trail. This course will cover basic tree identification, ecology, lore and uses of native Ozark trees.

*Instructor: Roaring River State Park Nature Center Staff, Missouri Department of Natural Resources*

*Sunday: 1:30 p.m. – 5 p.m.*

## **WHITE-TAILED DEER HUNTING**

**Enrollment Limit: 20**

**(Moderate)**

This “how to” course will emphasize principles and techniques of hunting with rifles and bows. Instruction will include deer behavior, habitat selection, safety, scouting, set up and selection of a stand, stand safety, use of scents, calling and rattling techniques, choosing the right equipment and much, much more.

*Instructor: Travis Crowley, Redhead Prostaff*

*Saturday: 8:30 a.m. – 12 p.m.*

**WILD CAVE EXPLORING****Enrollment Limit: 12****(High/Extreme)**

Are you ready for some extreme stuff? If so, then join us spelunking! After checking and getting on the proper caving gear, you'll go on a hike to the entrance of a nearby 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. Gloves and knee and elbow pads are highly recommended. Caving helmets and one source of light will be provided to those who don't have one. Information about white-nose syndrome, a fungus fatal to bats, will be provided to all participants.

*Instructor: Cheyne Matzenbacher, Missouri Department of Natural Resources*

*Saturday: 8:30 a.m. – Noon*

*Sunday: 8:30 a.m. – Noon*

**WILD EDIBLE PLANTS****Enrollment Limit: 20****(Moderate)**

Expand your appreciation and enjoyment of nature by exploring the world of wild edible plants. Wild edibles are all around us and they add color and new flavors to our meals. First, we will review plant identification and collection procedures. The class will then hike through the woods to identify many of the wild edible plants. After hiking, you will return to sample some wild edibles.

*Instructors: Cyndi Cogbill, Missouri Department of Conservation*

*Tiffani Martin, Missouri State Parks*

*Saturday: 1:30 p.m. – 5 p.m.*

**WILDLIFE TRAPPING****Enrollment Limit: 25****(Moderate)**

There are three major reasons you might want to learn about trapping: hunger, fur products and control/conservation. In this course, participants will learn to set traps, make sets, prepare traps for the trap line and make trap baits. The proper sizing of traps for a targeted animal, the fur markets, and the history and ethics of trapping will also be discussed.

*Instructor: James Dixon, Missouri Department of Conservation*

*Saturday: 1:30 p.m. – 5:00 p.m.*

**WOW YOUNG ADVENTURERS****Enrollment Limit: 20****(Moderate)**

In this all-day session, kids nine to 12 years old will learn valuable outdoor skills at their level. This year, kids will learn basic archery and shooting skills, trout fishing, hiking, cooking over a campfire and more! Parental attendance is not necessary for kids to attend this course! Participants should wear hiking boots or sturdy shoes and bring rain gear for this course. Snacks, drinks and a hot dog lunch will be provided.

*Instructor: Darla Rein, U.S. Forest Service*

*Saturday: 8:30 a.m. – 5 p.m.*

### **2012 WOW School Schedule**

Additional WOW events are held annually around the state. Courses vary from one WOW school to another. Some offer courses to cater to beginners, while others are for the more experienced outdoorsman.

Visit [wondersofwildlife.org](http://wondersofwildlife.org) to learn more.

## **Local Partners and Sponsors**

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