



Roaring River State Park

Oct. 5-7, 2007

WOW COURSES

ARCHERY

Beginning Archery	6
Traditional Archery.....	6
Introduction to 3-D Archery	6

BOATING

Beginning Canoeing	6
Wet and Wild WOW	7
Kayaking	7
Trailing and Small Boat Handling.....	7

FISHING

Fish Cleaning and Cooking	7
Fish Giggling	8
Introduction to Lake Fishing	8
Advanced Lake Fishing.....	8
Principles of Bank Fishing.....	9
Wade Fishing.....	9
Stream Fishing	9

FLY FISHING

Basic Fly Fishing	9
Fly Fishing Techniques	10
Fly Tying	10
Advanced Fly Tying.....	10

HUNTING

Introduction to Hunting Game Birds	10
Wildlife Trapping	11
Animal Signs and Tracking for Families ..	11
Bird Dog Basics	11
Hunting Waterfowl	11
Field to Freezer	11
Hunting Whitetail Deer	12

NATURAL HISTORY AND NATURE

Naturescaping	12
Owl Prowl	12
Nature Photography for the Budding Enthusiast	12
Nature Woodworking.....	12
Wood Lore.....	13
Bats: Myths and Realities	13
Wild Munchies.....	13
Snakes Alive	13
Stargazing.....	13
Missouri Birds.....	14
Wildlife Woodcarving.....	14
Wilderness First Aid.....	14
Nature Journaling.....	14

Family Cave Hike.....	14
Glade Ecology	15
Introduction to Stream Ecology	15
Crafting with Nature.....	15
Dream Catchers: Legend to Creation ..	15
Reptiles and Amphibians of the World	15
Reptiles and Amphibians of North America.....	16
Spider Sniff	16

OUTDOOR ADVENTURES

Global Positioning Systems (G.P.S.)	16
Family Geocaching.....	16
Advanced Orienteering	16
Rappelling	17
Wild Cave Exploring	17
Basic Backpacking.....	17
WOW Young Adventurers	17
Family Bicycling.....	17

OUTDOOR COOKING

Dutch Oven Cooking	18
Gourmet Dutch Oven Cooking	18
Family Dutch Oven Cooking.....	18
Outdoor Cooking.....	18

SHOOTING SPORTS

Introduction to Shooting Sports	19
Black Powder Safety and Shooting.....	19

PRIMITIVE SKILLS

Flint Knapping	19
Primitive Shelter and Fire Building	19

MUSIC/STORYTELLING

Native Stories and Songs	20
Missouri Storytellers	20

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 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. 5-7, 2007, 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, visit www.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). Sorry, absolutely no registrations will be accepted by phone, fax or e-mail. Registration will open on Wednesday, Aug. 15, 2007. The courses will be filled on a priority basis. First priority will be given to all properly postmarked registrations dated Wednesday, Aug. 15, 2007. 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. 21, 2007. Registrations received after Sept. 21 will be accepted only if space is available and will be subject to a \$10 late fee.

Registration fees are \$60 per person for Friday afternoon through Sunday afternoon and will cover instruction, use of some equipment, a barbecue dinner Saturday night and a WOW shirt. Friday afternoon and evening classes are family orientated. Transportation and lodging are not

included and are the responsibility of the participants. Various lodging options are available to WOW participants – please see enclosure for lodging information.

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 and your first choice is full, 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 these courses.

- Enclose payment in full; make checks payable to WOW.
- Sign and enclose the liability/photo release form.

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

- Mail registration materials and payments to:
Attn: WOW School
Wonders of Wildlife
500 W Sunshine
Springfield, MO 65807

CANCELLATION POLICY

Cancellation and refund requests must be submitted in writing to WOW School at the above address prior to Sept. 21, 2007. All refunds are subject to a \$10 nonrefundable service fee. Absolutely no refunds will be given after Sept. 21, 2007. When/if applicable, refunds will be processed after a three-week (minimum) waiting period.

AGE REQUIREMENTS

Participants must be nine years of age or older to attend WOW. Children ages four to eight can attend youth camp. An adult must accompany children ages nine to 12 to all classes and program activities, except 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.

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 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.

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 your own.)

PHYSICAL ACTIVITY GUIDE

To help participants 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 skill/endurance
- Moderate: Requires moderate physical skill/endurance
- High: Requires high levels of skill/endurance

AUCTION

There will be a silent auction starting during registration and running until dinner Saturday evening. The winners will be announced at the dinner and all items will need to be paid for by Sunday at the registration area. There will also be a live auction starting at 7 p.m. Saturday.

WILD OUTDOOR WORLD YOUTH 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

A barbecue on Saturday night beginning at 6 p.m. is included with registration. All other meals will be on your own unless otherwise stated in the course descriptions. Restaurant facilities are available at the Emory Melton Inn and Conference Center.

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 cabins and hotel rooms, contact the park concessionaire at (417) 847-2330. There are also motels and campgrounds between Roaring River State Park and Cassville.

Specific campsites at Roaring River State Park are available to WOW participants on a priority basis. Reservations for camping at the WOW event must be made by calling (417) 847-2539 between 8 a.m. and 7 p.m., seven days a week. Please identify yourself as a WOW participant when you call. Reservations must be made prior to Sept. 20, 2007. Due to the popularity of the WOW school, reserving your campsite early would be advised. The cost for an electric site is \$16 per night and basic sites are \$9 per night. Discounted rates are available to persons with disabilities and people 65 years of age or older. In addition to the nightly camping rate, an \$8.50 reservation fee will be applied to each campsite reserved. Changing campsites for the WOW event or canceling the reservation also will result in a \$5 change/cancellation fee. Cancellations occurring within two days of the arrival date also will incur a penalty equal to the value of one or two camping nights. 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. For more information about Roaring River State Park facilities, visit www.mostateparks.com/roaringriver.htm.

COURSE SCHEDULE

BEGINNING ARCHERY

Enrollment Limit: 15 Low/Moderate

Instructor: Fred Esser, U.S. Army Corps of Engineers

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

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

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, and shooting technique and equipment selection. Participants will receive individualized instruction and ample time to practice what they learn.

TRADITIONAL ARCHERY

Enrollment Limit: 15 Low/Moderate

Instructors: Wink Mitchell, Archery Quest and John Wilson, Black Widow

Sunday: 8:30 a.m. - Noon

Learn the art of instinctive shooting in order to “hit the mark.” You will learn about craftsmanship and the history of traditional bows, traditional equipment and different shooting styles and techniques. Discover your own personal style of instinctive shooting with help from the instructors and get ready for lots of fun.

INTRODUCTION TO 3-D ARCHERY

Enrollment Limit: 15 Moderate

Instructors: Wink Mitchell, Archery Quest and John Wilson, Black Widow

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

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.

BEGINNING CANOEING

Enrollment Limit: 12 Moderate

Instructor: Justin Adams, U.S. Forest Service

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

Sunday: 8:30 a.m. - Noon

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 and frequent the stream ecosystem. Learn the basics you need to know to enjoy this activity.

WET AND WILD WOW

Enrollment Limit: 12 High

Instructors: Lance and Beth Ussery, Upper Edge Adventures

Friday: 1:30 p.m. - Saturday Noon

This canoe camping course will cover the fundamentals of floating or paddling and camping out overnight for extended periods. It will also include history, available resources, trip planning, equipment, safety, meal preparation activities and conservation practices. Bring clothing suitable for the weather (hot and cold) and getting wet, as you will be spending the night out under the sky and next to the water. (This course will end at noon on Saturday. You will not be able to take a Saturday morning class.)

KAYAKING

Enrollment Limit: 12 Moderate/High

Instructor: Ozark Mountain Paddlers

Saturday: 8:30 a.m. - Noon

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.

TRAILERING AND SMALL BOAT HANDLING

Enrollment Limit: 16 Moderate

Instructor: Dave Knuth, Missouri Department of Conservation

Saturday: 8:30 a.m. - Noon

This class will go over the basics of launching and trailering your boat. Also discussed will be some of the equipment you need to make sure that your boat is legal in Missouri (e.g., life jackets, whistle, lights and fire extinguisher). Finally, there will be some discussion on tips for handling a boat on lakes and rivers. There will be hands-on opportunities to gain experience and demonstrations on all aspects of small boat handling and trailering.

FISH CLEANING AND COOKING

Enrollment Limit: 20 Low

Instructor: Roaring River Hatchery Staff, Missouri Department of Conservation

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

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, learn how to cook fish a variety of ways. Taste testing is a must.

FISH GIGGING

Enrollment Limit: 12

Moderate/High

Instructor: Rick Drummond, National Park Service

Friday: 7 p.m.

Join in an Ozarks tradition by going “fish gigging” on a crisp fall evening. Your instructor will supply boats, lights, gigging poles and all the necessary items for a successful trip. You will learn the basics of this sport from setup, 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.

Saturday: Auction Item: Twelve slots will be auctioned at the live auction. You can purchase one or all. Plan on leaving immediately following the auction.

INTRODUCTION TO LAKE FISHING

Enrollment Limit: 15

Moderate

Instructors: Wyatt Doyle, Andy Plauck and Clayton Ridenhour,
U.S. Fish and Wildlife Service

Saturday: 8:30 a.m. - Noon

Learn the fundamentals of lake fishing, including the proper techniques for tying knots, casting and lure retrieval. Fishing from a boat, you have the opportunity to learn about the lake’s structure and how fish relate to structure. However, boat sessions are meant for practical instructions and practice and not as guided fishing tours. Please wear comfortable clothing and be prepared for the outdoors (shorts, hat, sunscreen and sunglasses). Personal floatation devices (PFD) will be worn while on the boat; bring your own if you like.

ADVANCED LAKE FISHING

Enrollment Limit: 15

Moderate

Instructors: Wyatt Doyle, Andy Plauck and Clayton Ridenhour,
U.S. Fish and Wildlife Service

Sunday: 8:30 a.m. - Noon

This class is designed for the angler who wants to know which lure to pick out of the tackle box on a given date or weather condition. Fishing experience (casting and knot tying) is required for this class. More time will be spent discussing reservoir chemistry and function, fish biology, specific fishing conditions, lure and equipment selection, lure presentation and fish habitat selection. Half of this class will be spent on the lake fishing from a boat. However, boat sessions are meant for practical instructions and practice and not as guided fishing tours. Please wear comfortable clothing and be prepared for the outdoors (shorts, hat, sunscreen and sunglasses). Personal floatation devices (PFD) will be worn while on the boat; bring your own if you like.

PRINCIPLES OF BANK FISHING

Enrollment Limit: 15

Moderate

Instructor: Mike Allen, Missouri Department of Conservation

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

You do not need a boat to catch fish! Most fish spend at least some of their time near the banks of any body of water. This course will focus on ways to increase your odds of catching fish from the shore. Specific topics covered will be species to target, seasons to target a particular species, essential gear and the most effective live and artificial baits.

WADE FISHING

Enrollment Limit: 15

Moderate

Instructor: Jeff Finley, U.S. Fish and Wildlife Service

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

Slip on a pair of old tennis shoes and swimming trunks. Leave the boat at home; an ultra light spinning rod and a handful of small lures are all that is needed for wade fishing. Missouri offers many species of panfish, which are abundant in streams too small to canoe. Wade fishing offers participants the opportunity to intimately explore the complex habitats found in these streams and catch some of the most brilliant fish found in the state. You will need insect repellent, swimming trunks (or old shorts), river shoes or hip waders, polarized sunglasses, sun screen, a hat, a small tackle box (fanny packs work great), a small stringer and maybe a waterproof disposable camera.

STREAM FISHING

Enrollment Limit: 15

Moderate

Instructor: Dave Mayers, Volunteer

Sunday: 8:30 a.m. - Noon

Learn the fundamentals of stream fishing. The instructor will assist participants in understanding a stream environment and fish behavior. This course will cover knot tying, casting and techniques of using different baits.

BASIC FLY FISHING

Enrollment Limit: 12

Low

Instructors: Bryon Putman and Eric McMillan, Missouri Department of Conservation

Saturday: 8:30 a.m. - Noon

Sunday: 8:30 a.m. - Noon

This course is designed for the beginning and novice fly fisher. Learn the basics of different fish habitats, fly selection, knot tying and equipment selection. You will receive individualized fly-casting instruction and learn different methods and 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. Sunglasses and a hat are required for your safety. Waders are not needed.

FLY FISHING TECHNIQUES

Enrollment Limit: 12 Low

Instructors: Bryon Putman and Eric McMillan, Missouri Department of Conservation

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

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

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? How about being able to say tricorythodes, and actually knowing what it is? 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 fish flies with retrieves, find trout, specific casts for certain conditions, and other instructions to help you become more proficient with a fly rod. 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 fly fishermen.

FLY TYING

Enrollment Limit: 12 Low

Instructor: Charlie Stock, Midwest Flies

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

Sunday: 8:30 a.m. - Noon

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 to put their creations in. You will be able to look at some of the insects and other creatures that fly tiers try to imitate.

ADVANCED FLY TYING

Enrollment Limit: 12 Low

Instructor: Charlie Stock, Midwest Flies

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

This course is an advanced course in 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 to put your creations in. This is not for beginners.

INTRODUCTION TO HUNTING GAME BIRDS

*Additional \$5 fee for lunch. (This will be collected at registration.)

Enrollment Limit: 12 Moderate/High

Instructors: Kevin Bolling and Kathleen Bolling,
Missouri Department of Natural Resources

Saturday: 8:30 a.m. - 5 p.m.

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 also 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.

WILDLIFE TRAPPING

Enrollment Limit: 25 Moderate

Instructor: Mike Siepker, Missouri Department of Conservation

Saturday: 8:30 a.m. - Noon

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.

ANIMAL SIGNS AND TRACKING FOR FAMILIES

Enrollment Limit: 20 Low

Instructor: WOW Staff

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

Families can learn all about those signs that animals leave behind and make plaster tracks to take home.

BIRD DOG BASICS

Enrollment Limit: 20 Moderate

Instructor: Terri Marinier, Quail Unlimited

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

Have you ever wanted to go upland game bird hunting with dogs? If so, this is a class for you. Learn some of the basics of bird dog training and hunting. See two pointers in action as they find and point birds in the field.

HUNTING WATERFOWL

Enrollment Limit: 20 Moderate

Instructors: Mike Siepker and Dave Knuth, Missouri Department of Conservation
Tim Edison, U. S. Fish and Wildlife Service

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

This class will help students identify ducks and geese and teach the basics of waterfowl hunting. Some of the information provided will pertain to decoys, calling, blind types, setup and location, habitat preferences of waterfowl, shooting and care of harvested game.

FIELD TO FREEZER

Enrollment Limit: 20 Moderate

Instructor: Tracy Hill, U.S. Fish and Wildlife Service

Saturday: 8:30 a.m. - Noon

Come prepared to learn how to process big game so that it can be removed from the field in a medium sized backpack. This is an "observe and do" class that will begin with a demonstration of all materials necessary followed by a demonstration of what is probably the simplest technique to clean and process big game in the field. This technique is applicable for deer, elk, bear, wild hog and antelope. Then, the real fun begins as you will, under the guidance of the instructor, have the opportunity to de-bone and make backpack ready meat from a sheep.

HUNTING WHITETAIL DEER

Enrollment Limit: 20

Moderate

Instructor: U.S. Fish and Wildlife Service

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

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

NATURESCAPING

Enrollment Limit: 20

Low

Instructor: Jeff Cantrell, Missouri Department of Conservation

Sunday: 8:30 a.m. - Noon

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 and rocky. Some possible problems and how to remedy them will be discussed.

OWL PROWL

Enrollment Limit: 75

Low

Instructor: Jeff Cantrell, Missouri Department of Conservation

Friday: 8 p.m.

Who is that silently flying through the air? Who is that hooting from the tree tops? Who are these creatures that you sometimes hear at night, but rarely see? Owls! Learn about owl biology and behavior through an audiovisual presentation. Then travel into the woods to try to "call up" a wild owl.

NATURE PHOTOGRAPHY FOR THE BUDDING ENTHUSIAST

Enrollment Limit: 15

Low

Instructors: Art Daniels, Volunteer

Sunday: 8:30 a.m. - Noon

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

Designed for nature enthusiasts with some photographic experience, this course will consist of a how-to presentation followed by a hands-on field session. Be sure to bring your camera, lenses, plenty of film/memory, tripod, batteries, close up equipment, flash and cable release. Some wildlife models will be available for portrait practice. Participants must be at least 15 years old and be familiar with the operation of their own photo equipment.

NATURE WOODWORKING

Enrollment Limit: 15

Low/Moderate

Instructor: Nature Center Staff, Missouri Department of Natural Resources

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

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 bluebird house and a bird feeder. Other projects may be included.

WOOD LORE

Enrollment Limit: 16

Moderate

Instructor: Tim Stanton, Missouri Department of Conservation

Saturday: 8:30 a.m. - Noon

Discover the forests of Roaring River State Park while hiking along trails. This course will cover basic tree identification, tree pests, diseases, basic forest ecology, how to measure trees and uses of native Ozark trees.

BATS: MYTHS AND REALITIES

Enrollment Limit: 25

Low

Instructor: Christin Dzurick, Volunteer

Friday: 8 p.m.

Did you know that Missouri bats feed on insects and eat up to half of their body weight every night? This is just one of the fascinating facts you will learn about bats. In this class, you will learn about all of the different bat species that make Missouri their home and how they benefit us. You will also be provided with plans on how to construct a bat house to help attract these beneficial creatures.

WILD MUNCHIES

Enrollment Limit: 20

Moderate

Instructors: Cyndi Cogbill and Chanda Regier,
Missouri Department of Natural Resources

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

In recent years, unique and free wild edibles have been discarded for the convenience of grocery stores. Wild edibles are all around, plus they add a variety of colors and flavors to meals. In this program, the characteristic features and other fundamentals of plant identification needed in collecting edible plants will be described. The class will walk through the woods in search of wild edible plants. Finally, after getting hot and tired from the hike, the wild edible plants will be a refreshing treat at a delightful tea party.

SNAKES ALIVE

Enrollment Limit: 50

Low

Instructor: Cheyenne Matzenbacher, Missouri Department of Natural Resources

Friday: 8 p.m.

Learn the biology of snakes and see native species up close. Participants will learn to appreciate the value of snakes in the environment and will learn to separate the facts from myths about these fascinating legless reptiles.

STARGAZING

Enrollment Limit: 25

Moderate

Instructor: To be announced.

Friday: 8 p.m.

You will be introduced to and learn to identify the constellations visible in the night sky. Participants will also search out double stars, star clusters, nebulae and far away galaxies as time permits. Viewing will be limited to a clear sky, but if the sky does not cooperate, you will still learn about what is above the clouds. There are no age restrictions on this course. Participants should bring a flashlight and dress for the cooler night temperatures.

MISSOURI BIRDS

Enrollment Limit: 25

Moderate

Instructor: Charlie Scott and Julie Utrup, U.S. Fish and Wildlife Service

Saturday: 7:30 a.m. - Noon

Learn about the more than 400 species of birds that live or pass through Missouri each year. Join in on a discussion about why you love to watch birds and why you want to know more about them. Learn about the tools needed for active birding, and how to observe birds in a manner that helps to identify the species. After a short class period talking about birds, the group 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 one.

WILDLIFE WOODCARVING

Enrollment Limit: 12

Moderate

Instructor: Christy Hubinsky, Missouri Department of Natural Resources

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

Have you ever wanted to turn a piece of wood into something that you will adore? Participants will learn an easy carving method that can be used for decoration. This class will use simple tools to complete a project to take home.

WILDERNESS FIRST AID

Enrollment Limit: 24

Moderate

Instructor: Courtney Cullen, U.S. Fish and Wildlife Service

Saturday: 8:30 a.m. - Noon

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

Wilderness First Aid is designed for outdoor enthusiasts and will cover emergency management when help is delayed, patient assessment, bone and soft tissue injuries, heat and cold related illnesses, and a variety of other topics.

NATURE JOURNALING

Enrollment Limit: 15

Moderate

Instructor: Nettie Sittingup, U.S. Forest Service

Sunday: 8:30 a.m. - Noon

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.

FAMILY CAVE HIKE

Enrollment Limit: 50

Moderate

Instructor: Tim Smith, Missouri Department of Natural Resources

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

Missouri's motto is the “Show Me State” and this course will show you why Missouri's next motto could be “the cave state.” Participants 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 jeans that can get a little dirty.

GLADE ECOLOGY

Enrollment Limit: 15

Moderate

Instructor: Mike Skinner, Missouri Department of Conservation

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

Have you ever wanted to visit a unique ecosystem in the Ozarks? If so, go on this visit to a dolomite glade for a hike to see and investigate this very unique ecosystem. Wear clothing suitable for the weather.

INTRODUCTION TO STREAM ECOLOGY

Enrollment Limit: 20

Moderate

Instructor: Nick Utrup, U.S. Fish and Wildlife Service

Sunday: 8:30 a.m. - Noon

Be prepared to get muddy as you slosh around in the stream looking for cool bugs and fish. The goal of this class is to introduce you to the biological organization of the stream ecosystem. This class will be conducted in Roaring River and will include an array of sampling gear (e.g., backpack electrofisher, seine, Surber sampler, Hess sampler, D-frame kick net) to collect and observe fish and aquatic bugs within the stream. Students 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 want to.

CRAFTING WITH NATURE

Enrollment Limit: 20

Low

Instructor: Terry Snowden, Wonders of Wildlife

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

Let your creative side shine! This class will allow participants to explore crafting with nature, from deer antlers to turkey feathers and everything in-between. Participants will be able to create two pieces to take home.

DREAM CATCHERS: LEGEND TO CREATION

Enrollment Limit: 20

Low

Instructor: Larry Maggard, Gray Ghost Archery

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

Dreams are a big part of everyone's lives. They can be pleasant, confusing, disturbing or even frightening. Want to have peaceful dreams? Come and learn about the Indian rendition behind dream catchers. You will also have the opportunity to create your very own dream catcher to take home.

REPTILES AND AMPHIBIANS OF THE WORLD

Enrollment Limit: 30

Low

Instructor: Ed Kiernan, Outback Ed, Inc.

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

See and experience reptiles and amphibians of the world up close and personal. Live specimens will be on display for your viewing, touching and holding pleasure. Learning can be wild! See pythons, monitors, geckos and boas... oh my. Cameras are welcome. Participation and questions are encouraged.

REPTILES AND AMPHIBIANS OF NORTH AMERICA

Presenter: Ed Kiernan, Outback Ed, Inc.

Saturday: At the Barbeque

See and experience reptiles and amphibians of North America up close and personal. Live specimens will be on display for your viewing, touching and holding pleasure. Learning can be wild! See rat snakes, rubber boas, the endangered alligator snapping turtle and other critters as well. Folklore, myths and downright lies will be discussed. Cameras are welcome. Participation and questions are encouraged.

SPIDER SNIFF

Enrollment Limit: 25

Low

Instructor: Tim Smith, Missouri Department of Natural Resources

Friday: 7:30 p.m.

Have you ever wondered what a spider smelled like? Come to this program on spiders where you will learn how to sniff out spiders and become a member of the Spider Sniffer's Society of Missouri.

GLOBAL POSITIONING SYSTEMS (G.P.S.)

Enrollment Limit: 16

Moderate

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.

This introductory course on G.P.S. units could be the answer to always knowing your location. A G.P.S. 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 G.P.S. units while in the field. This class will require moderate hiking as the class navigates around the park using G.P.S. units.

FAMILY GEOCACHING

Enrollment Limit: 50

Moderate

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

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

Want to learn more about Global Positioning Systems (G.P.S.)? Do you already own a G.P.S. unit or know how to use one? Then, this is the class for you! The instructor will explain geocaching and demonstrate how to download existing G.P.S. locations and geocaches from your computer to your G.P.S. unit. Then, on your own time, you will be able to go to existing geocaches and other G.P.S. locations in the area. Requirements: You should have an understanding of the basic operation of a G.P.S. If bringing your own unit, you must bring your computer transfer cable to class.

ADVANCED ORIENTEERING

Enrollment Limit: 20

Moderate

Instructors: Lance and Beth Ussery, Upper Edge Adventures

Sunday: 8:30 a.m. - Noon

This course will teach you how to use a map and compass together to find your way in the woods even with no visible landmarks. You will have the opportunity to get out in the field to test your newfound skills. Be prepared to hike the park.

RAPPELLING

Enrollment Limit: 12

Moderate

Instructor: Lee Erickson, U.S. Fish and Wildlife Service

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

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

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.

WILD CAVE EXPLORING

Enrollment Limit: 12

High/Extreme

Instructor: Cheyne Matzenbacher, Missouri Department of Natural Resources

Saturday: 8:30 a.m. - Noon

Sunday: 8:30 a.m. - Noon

Are you ready for some extreme stuff? If so, then go spelunking! After checking and getting on the proper caving gear, off 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.

BASIC BACKPACKING

Enrollment Limit: 25

Moderate

Instructor: Jeff Cantrell, Missouri Department of Conservation

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

Participants will learn about the advantages/disadvantages of different types of backpacks, experiment with different equipment, light a camp stove, prepare a campsite, set up a backpacking tent, carry a fully loaded backpack and learn how to purify water. Other topics include trip planning and preparation, wilderness ethics, back-country sanitation, proper footwear and clothing, and meal preparation.

WOW YOUNG ADVENTURERS

Enrollment Limit: 20

Moderate

Instructor: Darla Rein, U.S. Forest Service

Saturday: 8:30 a.m. - 5 p.m.

In this all-day session, kids ages nine to 12 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. Snacks, drinks and a hot dog lunch will be provided.

FAMILY BICYCLING

Enrollment Limit: 25

Moderate

Instructor: Dan Philbrick, Seven Valleys Bike Club

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

Take some time to learn the rules of the road. Learn how to stay safe and some tips and tricks that will make your next bicycle outing safer and easier. Bicycles will be available for those who need them. However, you are encouraged to bring your own to ensure proper fit.

DUTCH OVEN COOKING

Enrollment Limit: 16

Moderate

Instructors: Ralph Alexander and Jim Turner, U.S. Forest Service

Saturday: 8:30 a.m. - Noon

Sunday: 8:30 a.m. - Noon

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 use this age-old way of cooking while using modern methods and means of cooking. Take home recipes and ideas for your next cookout.

GOURMET DUTCH OVEN COOKING

Enrollment Limit: 16

Moderate

Instructor: Larry Quinalty, Missouri Department of Natural Resources

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

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

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.

FAMILY DUTCH OVEN COOKING

Enrollment Limit: 15

Moderate

Instructor: Larry Quinalty, Missouri Department of Natural Resources

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

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 you next outdoor adventure.

OUTDOOR COOKING

Enrollment Limit: 20

Moderate

Instructor: John Hernandez, Wonders of Wildlife

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

Do you know how to cook using rocks, sticks and fire? This hands-on course will show participants how to cook in the outdoors like primitive people and eat like kings. Participate in the entire cooking process from storage to the dining table. Afterwards, enjoy eating the masterpiece that you have created.

INTRODUCTION TO SHOOTING SPORTS

Enrollment Limit: 16

Low

Instructor: Jean Mayer, Missouri Department of Conservation

Saturday: 8:30 a.m. - Noon

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.

BLACK POWDER SAFETY AND SHOOTING

Enrollment Limit: 16

Low/Moderate

Instructor: Jean Mayer, Missouri Department of Conservation

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

Participants will learn safety procedures pertaining to the use of black powder and muzzle loading firearms. Both range shooting and hunting situations will be covered. Participants will also practice loading, shooting and field cleaning using muzzleloaders. Shooters must be at least 11 years of age to register for this course and parental attendance is required for shooters under 18 years of age.

FLINT KNAPPING

Enrollment Limit: 20

Moderate

Instructor: Larry Maggert, Gray Ghost Archery

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

This hands-on course will not only introduce the art of primitive point making (arrowheads, knives, etc.) but will give participants a chance to work on their own flint knapping project along with the knowledge of how to make their own flint knapping kit. Travel back in time to learn about the history of ancient weaponry.

PRIMITIVE SHELTER AND FIRE BUILDING

Enrollment Limit: 15

Moderate/High

Instructor: Don Fink, Missouri Department of Natural Resources

Saturday: 8:30 a.m. - Noon

Part 1: Primitive Shelters

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

Part 2: Primitive Fires

Learn to meet basic survival needs (food, water, fire, 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. This is a two-part course, take one or both. Part one will focus primarily on shelter building and part two will focus primarily on fire building.

NATIVE STORIES AND SONGS

Enrollment Limit: 50

Low

Instructor: John Hernandez, Wonders of Wildlife

Friday: 7:30 p.m.

If you just want to sit back and relax for the evening, come and enjoy American Indian stories and songs with John Hernandez.

MISSOURI STORYTELLERS

Enrollment Limit: 50

Low

Presenter: Nancy Walker, MO-TELL

Friday: 7:30 p.m.

Storytelling and storytellers have been educating, illuminating, inspiring and entertaining humankind since the beginning of time. Every continent, country, kingdom, state, city and village has had storytellers who pass on their cultures' history, wisdom and dreams. Come and enjoy an evening of listening to stories of Ozark tradition. Come dressed for the weather, since this will be outdoors.

LOCAL PARTNERS AND SPONSORS

Quail Unlimited
Ozark Mountain Paddlers
MO Parks Inc.
Archery Quest
Black Widow
Upper Edge Adventures
Midwest Flies
Gray Ghost Archery
Outback Ed, Inc
Seven Valleys Bike Club
MO-TELL



Roaring River State Park

IS PROUDLY SPONSORED BY

Missouri Department
of Natural Resources



Bass Pro Shops



U.S. Army Corps of Engineers



U.S. Forest Service



U.S. Fish and Wildlife Service



Missouri Department of Conservation



Wonders of Wildlife



National Park Service

