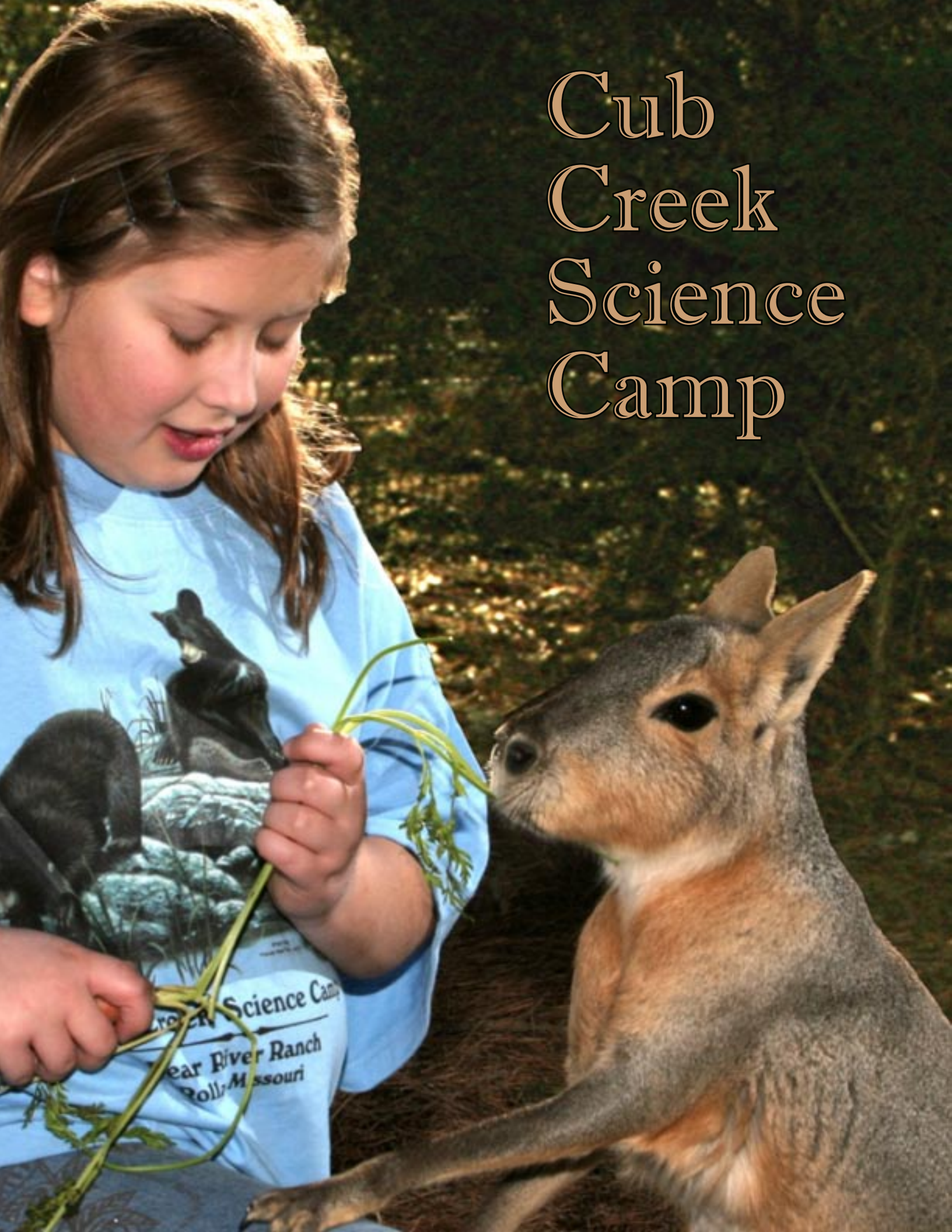


Cub Creek Science Camp



Cub Creek Science Camp!

Founded and directed by Lori Martin



Lori, her husband Scott (who is the Facility Director) and their two daughters (Jamie and Mikayla) live at Bear River Ranch and personally oversee all aspects of the camp operation. Lori and Scott continually work to improve the facility and the program.

It has been a lifelong dream of Lori's to create a fun, educational camp where, under the guidance of enthusiastic staff, curious kids can explore and learn about what interests them most. Because animals have always been one of Lori's great interests she chose to make them the underlying theme of Cub Creek Science Camp. Lori interviews and screens every staff who works at camp and will only hire those individuals whom she feels will serve as good role models for her own daughters.





Cub Creek Science Camp



16795 Hwy E
Rolla, MO 65401

(573)458-2125 Fax (573)458-2126 Director@BearRiverRanch.com www.BearRiverRanch.com

Dear Parent,

Since 1993, Cub Creek Science Camp has served thousands of campers who love nature, science and animals. With more than 200 animals of over 100 species and over 100 different activity choices, there is simply no other summer experience like that of Cub Creek Science Camp.

Our brochure was designed to share with you the many things that make Cub Creek Science Camp so unique among summer camps, and to help you decide if Cub Creek is the right choice for your child. We hope you'll visit our facilities personally, but if that's not possible this booklet will be helpful in expressing the true spirit of our program.

Please give me a call if you have any questions. With two daughters of my own, I understand what a difficult decision it is to allow your child to go away from home for part of the summer. I appreciate you considering us and will enjoy taking the time to speak with you.

Sincerely,

Lori Martin
Lori Martin,
Owner / Director
Cub Creek Science Camp



Our Location

Cub Creek Science Camp takes place at Bear River Ranch, nine miles north of Rolla, Missouri, just 90 miles west of St. Louis off Hwy 44.

The Ranch is located on 240 acres of oak / hickory forest, wildflower-filled glades and rocky bluffs.



Our Facility

The amenities at camp include modern, air-conditioned cabins, swimming pool, two fishing ponds (well stocked with fish), seven activity pavilions, an archery range, dining hall, pottery shed, computer lab, trading post (camp store), an animal learning center (which is home to 50 different kinds of animals), barn, wallaby country, animal pentagon and a bird barn.

Built among the oak forest, our cabins are the most comfortable you will find anywhere. Each cabin is 1600 square feet, air-conditioned with a large common room in the center and a big front porch. Every cabin has its own private bathrooms. Campers sleep on bunk beds with name brand mattresses in rooms with privacy curtains. They can look forward to a relaxing night's sleep at the end of each fun-filled day.



Our Campers

The one thing that all of our campers have in common is a love of nature, science and animals. Campers come back year after year not only because of our activities but also the great friends that they have made at camp. Our campers range in age from 7-16. Because of the age groups of our cabins we will always have a very even split between gender and age of our campers.

Cabin Assignments

Our roomy cabins are designed to sleep fourteen campers and four staff. This gives us a one to four staff to camper ratio. Cabins are divided according to age and gender of the campers. Jr. Campers are ages 7-11 (1st-5th grade). Sr. Campers are ages 12-16 (6th-10th grade). Jr. and Sr. Campers stay in separate cabins and attend separate activities. They also eat meals at different times. There are multiple Jr. and Sr. cabins to which campers are assigned based on their age. Campers may request to be in the same cabin with a friend of similar age.



Swimming

What summer would be complete without enjoying a cool swim on a hot afternoon! Campers of all swimming abilities will enjoy our swimming pool. The swimming pool is one of the most popular places for campers to spend their free period each day. Certified lifeguards are on duty at every swimming time.



Meals

Three delicious, well balanced meals are provided each day. Our menus are planned to be camper friendly with foods most young people enjoy. Fresh fruit, breads, PBJ and cheese sandwiches are available at every meal as well as salad or potato bar at each dinner.



Daily Schedule

7:00 am	Early Bird activity (optional for early risers)
8:00 am	Breakfast, Sr. Campers - cabin cleaning, Jr. Campers
8:45 am	Breakfast, Jr. Campers - cabin cleaning, Sr. Campers
9:30 am	1st activity period
10:45 am	2nd activity period
12:00 pm	Lunch, Sr. Campers - Free time, Jr. Campers
1:00 pm	Lunch, Jr. Campers - Free time, Sr. Campers
2:00 pm	Cabin group time
3:15 pm	3rd activity period
4:30 pm	4th activity period
5:30 pm	Dinner, Sr. Campers / Activity sign-up, Jr. Campers
6:15 pm	Dinner, Jr. Campers / Activity sign-up, Sr. Campers
7:00 pm	Evening activity
8:00 pm	Cabin group time
8:30 pm	Late night activity (optional for night owls)



Our Staff

Our staff are the backbone of our great program. We choose our staff with great care. Only those applicants who are truly exceptional are offered positions. We look for staff who love the outdoors, science, and animals as much as our campers, and who are skilled at working with young people. Staff are typically local college students. Staff must complete an in-depth application and interview. A clean background check, accurate employment history and good references are also mandatory. Staff go through an extensive pre-camp training week that focuses on safety issues, program instruction, community living and interpersonal skills. We have 3-4 staff living in each cabin, which gives us a great 1-to-4 staff to camper ratio.

Activities

Our activities are what make us stand apart from other camps! In addition to our exciting science activities, we offer all of the favorite "traditional" camp activities such as tie-dyeing t-shirts, outdoor living skills, archery, fishing, swimming and crafts. Our staff are trained to teach the science behind each activity. We also offer many activities unique to Cub Creek Science Camp, such as Jr. Vet and Adopt an Animal. You can read more specifics about our activities on our activities page. Campers will take part in at least six activities each day. Two of these activities are courses, two are classes, one is a free period activity and the final activity of the day is the evening activity. You can do even more if you sign up for Early Birds and Night Owls. Campers select courses prior to arriving at camp. Classes are selected every evening for the following day.

Special Events

Evenings at camp are a time for the whole camp to come together as one big camp family. Campers enjoy an Opening Camp Fire, a Skit Night and a Movie Night. During our Circle of Life, every cabin is visited by a variety of animals such as Little Bit our miniature pony, Meeko a Marmoset monkey, snakes, lizards and even one of our kinkajous. Camp Factor gives campers a chance to cheer for their favorite counselor as they bravely compete in a variety of gross and challenging events. Floop-a-Flar is a crazy water event. And let's not forget our Campout Night. "Boys only" and "girls only" campouts give every camper the chance to enjoy one night sleeping under the stars in a tent, roasting marshmallows, telling stories and enjoying the company of friends.

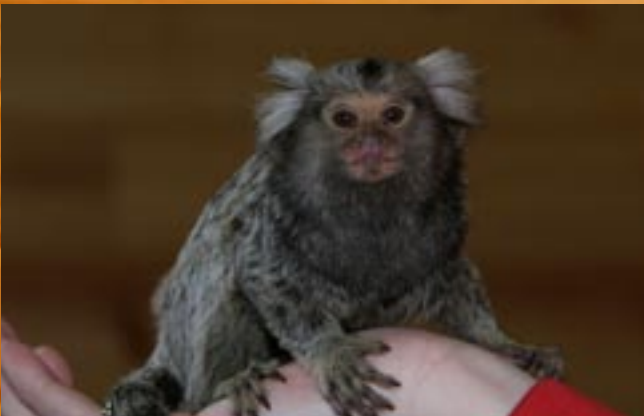


More opportunities to learn about, hold, touch, feed and care for animals than any other camp!

Cub Creek Science Camp is unique among camps for many reasons, including our animals. We have our own "zoo", and are home to more than 200 animals of 100+ different species.

Unlike a zoo camp, we offer hands-on activities, with more opportunities to learn about, hold, touch, feed and care for animals than any other camp. You can play with cute and cuddly kittens, bottle-feed a baby goat, or watch a chick hatch from its egg. You can experience what it is like to hold a 7 foot snake or a prickly hedgehog. We have something new and fascinating to offer every animal and science enthusiast.

All of our animals are friendly and are accustomed to frequent visitors and handling. Many of these animals have even been raised by our campers during past summers.





Camp offers many unique animal related courses including; Jr. Vet, Adopt an Animal, Animals 101 and Animal Enrichment. We are one of the only camps in the country where kids can learn what it is like to be a veterinarian. Campers in the Jr. Vet course will learn how to give an injection, how to use a microscope, read an x-ray, suture a wound and how to trim nails and flight feathers. They will also learn how to take a patient history, conduct an exam, take and record vital statistics. They will be able to identify and treat both internal and external parasites, as well as how to handle, feed and care for all the animals at Bear River Ranch.



When our local vet comes on site, as he does several times each summer, our Jr. Vet campers enjoy the opportunity to shadow him as he makes his

Bear River Ranch is home to over 200 animals of 100+ different species.

COURSES

Our courses give campers the opportunity to go more in-depth into a favorite area of interest. Every camper selects two courses for each week they are at camp. A course is attended one hour each day and will take an entire week to complete. Activities are divided according to age. Jr. Campers (ages 7-11) and Sr. Campers (ages 12-16) do activities separately. The following two pages detail the courses available to campers each week.

ADOPT AN ANIMAL: Choose your favorite animal in our camp zoo and become that animal's adoptive parent for the week, taking responsibility for its care as well as teaching other campers about it.

ANIMALS 101: If you can't get enough of animals then this is your course! You will have the chance to get up close and personal with every animal at the Ranch. You will hold snakes, feed our armadillo, and play with the baby goats. You will visit all our animal homes including the barn, bird barn, pentagon, wallaby country and the Animal Learning Center.

ANIMAL SAFARI: Explore the different parts of the Ranch and search for local wildlife including turkey, snakes, lizards, frogs, salamanders, deer, raccoon, fox and more. You will be bringing along one of our digital cameras to record your findings and share with everyone back at base camp.

ARCHERY: If you love archery and want the opportunity to improve your skills, then this is the course for you! You will learn the basics of how to hold and shoot a bow and arrow, as well as how to make your own arrowhead and bow string.

BOTANY: Become a Botanist for a week and learn all about the mysteries of our common plants. Plants are all around us. They can be used to make everything from clothes, food, and medicine, to perfume. Without plants our planet could not survive.

CHEMISTRY: Mix, measure and pour while you create some really cool concoctions such as; snow in the summer, a rainbow in a jar, elephant toothpaste, super balls, slime, and silly putty.

COMPUTER PRESENTATIONS: Become the camp photographer. Take pictures of your friends at camp and then learn how to add them to our on-line photo gallery. Learn how to take, edit and download digital pictures and create a computer presentation CD to take home.

CRAFTS / NATURAL RESOURCES: Dip your own candle, make a detailed leather craft or spin a clay pot all while you learn about our world's valuable natural resources.

CRAFTS / ANTHROPOLOGY: Anthropologists have been studying other cultures through their art for a very long time. During this course you will learn about various cultures through their jewelry. Make your own jewelry while you learning about jewelry's importance in past cultures.

CRIME SCIENCE: Become a forensic scientist as you analyze the evidence gathered from a fictional crime scene. From fake blood testing to fingerprints, handwriting analysis to mystery powders, your detective team will work to gather clues and vote to convict the suspect in a mock jury.



ENTOMOLOGY: So, you think life is tough? Try spending a day as an ant. Watch a mealworm metamorphosis into a beetle or a caterpillar into a butterfly. Feed an ant lion and learn how to attract and identify nocturnal as well as diurnal insects.

GEOLOGY: Calling all rock hounds! If you are fascinated by the earth and what it's made of, then this is the course for you. Learn how to classify different types of rocks and use geologists' methods for discovering their structure. Everyone will go home with their own rock collection.

JUNIOR VETERINARIAN: Are you an animal nut? Have you thought about becoming a veterinarian? Then this is the course for you. Learn all about caring for animals, including what vets look for during a routine check-up, and how they treat the common and not-so-common ailments of our furred, feathered and scaled friends.



PARAMEDIC: Oh no! Your friend has fallen out of a tree. What should you do? O.K. so it didn't really happen, but you will have fun learning how to handle a variety of emergency situations. We have created a lot of simulated emergencies so you can practice responding just like real paramedics.

PHYSICS: Learn how things work and why some things don't work. Take common household items apart and put them back together again. Make your own flashlight and discover ways to harness your own strength.

POND STUDY: Put on your boots, grab your collection nets and let's go explore the life in a pond! During this course you will view life under a microscope, as well as all the plants and animals that call a pond their home. Be prepared to get wet and muddy and have loads of fun.

POOL SCIENCE: Learn all about your favorite summer hangout. Everything from water chemistry to why some things float and others sink. You will wear your bathing suit for this class and have lots of fun in and out the water.

POTTERY: Get muddy on the pottery wheel. Learn coil, pinch and slab methods for hand building clay. You will make a variety of great projects such as masks, mugs, and animal rattles to take home.

SIGN LANGUAGE: Campers will spend a week learning sign language. They will also experience what it would be like not to be able to see or hear, or to have the ability to walk or talk. By the end of this course participants will have learned to appreciate their own abilities and the unique abilities and talents of others.

SURVIVAL SKILLS: A plane crash leaves you lost in the woods. How will you survive? You will learn to prioritize your needs including food, water and shelter. Did you know that there more than ten ways you can start a fire? You will learn several of the best.



CLASSES

We have over 100 different classes.

Below is just a sampling of our one hour class choices.

ANIMAL SKETCHING: Learn how to draw animals.

ANIMAL BABIES: Get up close to all the baby animals at camp and learn about their care.

ANIMAL KEEPER: Help us care for all the animals at camp.

ANIMAL SAFARI: Explore glades, deer trails and hidden camp sites in search of animals and animal signs.

ARCHEOLOGY: Unearth ancient mysteries at a simulated dig site.

ARCHERY: Will you hit the bulls-eye?

ARTS AND CRAFTS: Make a new craft every day, including beady buddies, sculptures and jewelry.

ATLATL: Practice your skills with an ancient spear thrower.

BARN ANIMALS: Learn about the animals in our barn. Feed the baby goats, walk a llama, pet an emu and play with a potbellied pig.



BIRDS: Learn all about these fascinating feathered creatures. You may even be able to watch a chick hatch or help us hand feed our baby birds.

CAMP FIRE COOKING: Roast a marshmallow, cook a cobbler and make jerky over a fire.

CANDLE DIPPING: Make a candle the old-fashioned way.

CARTESIAN DIVERS: Make this mini-submarine float or descend with just a touch of your finger.

DANCE: Learn about the bones and muscles in our amazing bodies while you learn dance moves and even choreograph your own skit for our skit night.

DREAM CATCHERS: Make a Native American craft.

ELECTRICITY: Make a flashlight and an ear piercing noise alarm-

ELECTROMAGNETS: How do electromagnets work? Make one and find out.

FIRE STARTING: You will start a fire with a match, a magnifying glass and flint and steel.

FISHING: Blue gill, bass or catfish, which will you catch?

FLINT KNAPPING: Make your own arrowhead.

FLOWER IDENTIFICATION: Learn to identify flowers. Make a flower press to take home.

FOSSILS FIND: Explore the creek bed for signs of ancient life.

FREE SWIM: Cool off in the pool, play a game or just relax.

FROG CATCHING: Catch frogs and salamanders from our five ponds.

GIANT BUBBLES: Experiment to create a solution for making HUGE five foot bubbles.

ICE CREAM / BUTTER: Make butter and ice cream and share with others at dinner.

INSECT SAFARI: Collect and identify every insect we can find.



LEATHER CRAFT: Learn how to stamp, carve and create with leather.

MAGIC: Learn the secrets and the science behind magic tricks.

MARBLE PAPER: Capture floating paint to create beautiful stationery.

MICROSCOPIC LIFE: Discover what lives in a drop of pond water.

ORIENTEERING: Find a treasure using only a map and compass.

OWL PELLETS: Discover hidden skeletons as you dissect a real owl pellet.

PAPER MAKING: Create paper with trash, leaves and flowers.

PH: Test foods, drinks and common products to see if they are an acid or a base.

PHYSICS OF FLIGHT: Make and fly your own plane.



PLASTER CASTING: Capture an animal's track with plaster.

POTTERY: Spin a pot, plate or vase on a pottery wheel.

RAINBOW IN A JAR: Layer liquids, one on top of another, to create a rainbow in a jar.

REPTILES: Learn about, touch, hold and even feed our snakes, lizards, and tortoises.

ROCKETRY: Build and launch your own rocket.

ROCKS AND MINERALS: Collect rocks and minerals while exploring camp.

ROPE MAKING: Make your own lasso, jump rope or friendship bracelet.

SHELTER BUILDING: Make a shelter to sleep in during our campout.

SIGN LANGUAGE: Learn to communicate without using your voice.

SLIME FACTORY: Create your own slime, ooze and flubber.

SPELUNKING: Bring your lanterns and prepare to get muddy while we explore a cave.

SPY SCIENCE: Become a detective and solve a crime using science and reasoning.

TIE-DYE: Make a one-of-a-kind souvenir of your camp experience.

TURTLE PATROL: Weigh, measure, mark and release turtles as part of a scientific study.

VOLCANOS: Make your own volcano and watch it explode.

WILD EDIBLES: Learn what you can and can't eat in the wild.



Staying in Touch

Cub Creek Science Camp is all about hands-on, curiosity-guided fun. Part of the fun of camp is being able to share your



adventures with those at home. To help families stay in contact with one another we have the following available:

E-mail - Campers can send and receive e-mail.

A mailbox - Campers can send and receive mail.

Online photos - Friends and family may log onto our website and view photos of campers involved in many different camp activities and having fun with their camp friends.



What to Bring

Campers will need to bring comfortable clothing that they are not afraid to get dirty (although getting covered in mud is optional), a sleeping bag and toiletries. A complete packing list will be sent with confirmation packets, which are mailed in February. The packing list is also available on our website.

Can Families Visit?

You bet! Camp is open for campers to give tours every other Saturday or at the end of each session (for one week campers). Families who wish to visit at other times should call ahead. Campers will be brought to the front office when their parent arrives and may leave site with a parent. For the safety of our campers, site tours are not available while camp is in session, unless it is on a "Family Saturday" (every other Saturday).



Medication & Health Care

Cub Creek Science Camp maintains a well-equipped health lodge and has a full-time registered camp nurse who lives on site. The nearest hospital is only ten miles from camp and we have made arrangements with a local doctor to see campers for any health issue that is out of the scope of a Registered Nurse to treat.

Getting to Camp

We have campers come from nearly every state and several other countries. Almost all campers will come in one of two ways: plane or car.

Campers arriving by plane should fly into the St. Louis International Airport. They will be met at the gate by one of our staff, assisted with their luggage, introduced to the other campers who have arrived at the airport and driven to camp. (There is an additional fee for airport pickup.)

For campers arriving by car, you will drive directly to the Ranch and be greeted by the Director and our friendly staff.

Specific travel information and directions will be sent with your confirmation packet.



How to Register

Registering for camp is fast and easy! Complete the enclosed registration form and return it, along with a \$100 per week deposit, to the Cub Creek office. You may also register on our website and pay with credit card. Camp is filled on a first come first serve basis and no guarantee is made as to availability. A confirmation letter will be sent within two weeks of receipt of your completed application and deposit. You will be notified by phone within 72 hours after the receipt of your deposit if a space is not available in the session you requested.





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