

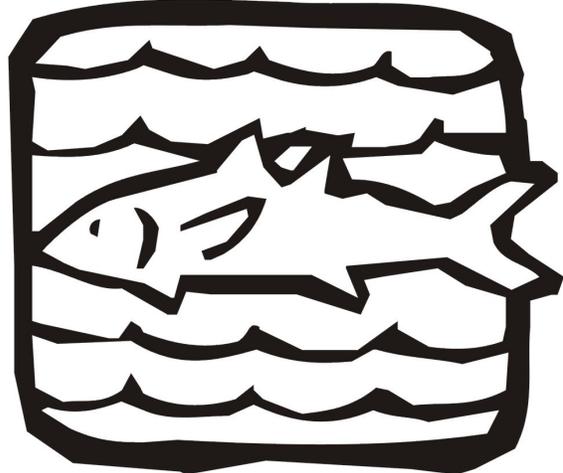
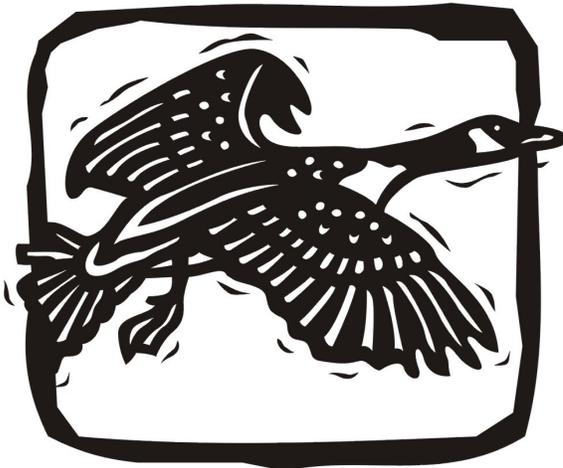
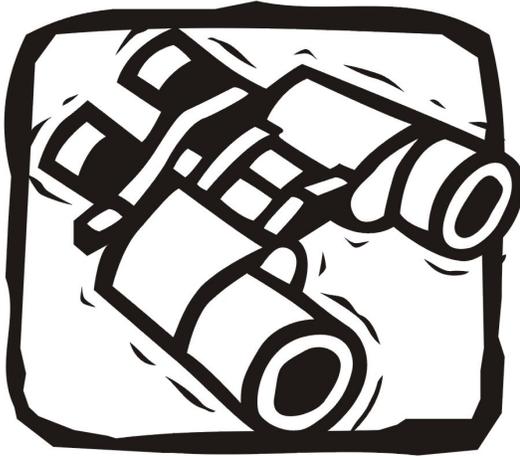
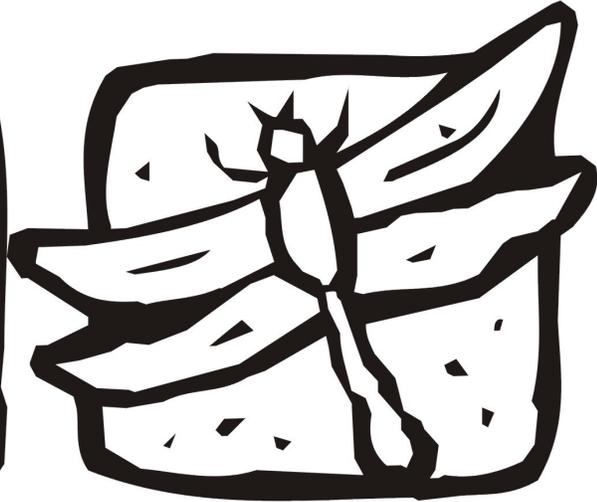


US Army Corps  
of Engineers®  
Rock Island District

# Lake Red Rock's Summer Fun Guide

Programs and Activities for Summer 2014

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[www.lakeredrock.org](http://www.lakeredrock.org)

Playscape Programs meet at the North Overlook Beach (north end of parking lot) unless specified.

## May

- 17- Bird Banding  
7:00-9:00 a.m. - Visitor Center
- 17-26- Bobber/Water Safety Dog Cartoons  
Daily upon request.—Visitor Center
- 23—Nighttime Adventures  
8:30 p.m.—Playscape
- 24—Birdwatching Hike  
7:00 a.m. - Whitebreast Camp.
- 24—Iowa's Fantastic Forests  
1:00 p.m.— Playscape
- 24 - Snake Lunchtime  
3:00 p.m.—Visitor Center
- 24—Welcome to the Playscape  
7:00 p.m.—Playscape
- 25—Iowa's Feathered Chorus  
1:00 p.m.—Playscape
- 25—Iowa History: Just Dig It!  
7:00 p.m.— Playscape
- 26—Geocaching  
10:00 a.m.—Playscape
- 26—Let's Go Muddin'!  
1:00 p.m.—Playscape
- 30—Iowa's Furry Friends  
7:00 p.m.—Playscape
- 31—Boater Education Course\*  
9:00 a.m.-5:00 p.m.—Visitor Center  
preregistration required—call Corps office  
for details)
- 31 - Aquatic Insects  
3:30 p.m.—South Tailwater

## June

- 6—Night-Time Adventures  
9:00 p.m.—North Overlook Camp.
- 7—Pond Exploration  
10:30 a.m.—Playscape
- 7—The Geologic Story Behind the Red Rocks  
1:00 p.m.—meet at Visitor Center

## (June, Continued )

- 11—Sounds of Nature  
10:00 a.m.—Playscape
- 11—Kids' Craft Day  
1:00-3:00 p.m.— Visitor Center
- 12—Welcome to the Playscape!  
10:00 a.m.—Playscape
- 13 - Let's Go Paddling!  
2:00-4:00 p.m. - Roberts Creek east ramp
- 13—World of the Wolf  
7:00 p.m.—Whitebreast Amphitheater
- 13—It's a Bird, It's a Plane - It's a Bat!  
8:30 p.m.—Playscape
- 14- "Little Man of the Woods"  
10:00 a.m.—Howell Station
- 14—Geocaching  
1:00 p.m.—Playscape
- 14 - Archaeology and Cultural History of Iowa  
2:00 p.m. - Red Rock Visitor Center
- 14—Habitat and Population  
7:00 p.m.—Playscape
- 15—Sounds of Nature  
10:00 a.m.—Playscape
- 15—Saving Iowa's Wetlands  
1:00 p.m.—Playscape
- 18—Junior Rangers (for kids 8-10 yrs.)  
9a.m.– 3p.m.—pre-registration required  
(call the Corps office for details)
- 18—Iowa History: Just Dig It!  
10:00 a.m.—Playscape
- 20—Let's Go Mudding!  
1:00 p.m.—Playscape
- 20—Paddle to Hickory Ridge  
5:00-7:00 p.m.- Meet at Whitebreast ramp  
(must be 16+ years old to borrow kayaks -  
preregistration required - call Corps office)
- 21- Birdwatching Hike  
8:00 a.m. - Howell Station
- 21—Backcountry Survivors  
9:00 a.m.—Playscape

**Playscape Programs** meet at the North Overlook Beach (north end of parking lot) unless specified.

**(June, Continued)**

- 21—Bike Safety Check**  
10:00-11:30 a.m.—Howell Station
- 21—Iowa's Furry Friends**  
2:00 p.m.—Playscape
- 22—Iowa's Feathered Chorus**  
9:00 a.m.—Playscape
- 22—Geocaching**  
1:00 p.m. - Playscape
- 25-26 STEM Training for K-8 Teachers\***  
9:00-3:00 p.m. each day\*(preregistration required—call Corps office for details)
- 27- Survivor: Red Rock** (for kids 11-12 yrs)  
9 a.m.– 3 p.m.—**pre-registration required**  
(Call the Corps office for details)
- 27—Hunt Like an Animal!**  
7:00 p.m.—Playscape
- 28—Iowa History: Just Dig It!**  
10:00 a.m.—Playscape
- 28—Crawly Creatures: Iowa's Invertebrates**  
2:00 p.m.—Playscape
- 28 - Geocaching**  
7:00 p.m. - Howell Station Campground
- 29—Iowa's Fantastic Forests**  
10:00 a.m.—Playscape
- 29—Precious Prairies**  
1:00 p.m.—Playscape

## July

- 2— Slippery Slithering Scales and Slime**  
10:00 a.m.—Playscape
- 3 - Create a Mosaic for the Playscape**  
1:00 p.m. - Visitor Center (preregistration required - call Corps office for details)
- 3 - Nature's Fireworks: Fireflies**  
9:00 p.m. - Howell Station Campground
- 4—Playscape Craft Time**  
10:00 a.m.—Playscape

**(July, Continued)**

- 4 - Let's Go Paddling!**  
2:00-4:00 p.m.—Roberts Creek east ramp
- 4-6- Bobber/Water Safety Dog Cartoons**  
9:30-6 p.m.—Visitor Center
- 5 - What's in the Water?**  
10:00 a.m. - Playscape
- 5 - Iowa's Furry Friends**  
1:00 p.m. - Playscape
- 5 - Restoring Ecosystem Function: Bison-Mediated Seed Dispersal in Tallgrass Prairies**  
7:00 p.m. - Whitebreast Amphitheater
- 6—Sounds of Nature**  
10:00 a.m.—Playscape
- 6—Habitat and Population**  
1:00 p.m.—Playscape
- 9—Crawly Creatures: Iowa's Invertebrates**  
10:00 a.m.—Playscape
- 9—Kids' Craft Day**  
1:00-3:00 p.m. - Visitor Center
- 10—Junior Rangers (for kids 8-10 yrs.)**  
9a.m.– 3p.m.—pre-registration required  
(call the Corps office for details)
- 11—Survivor: Red Rock** (for kids 11-12 yrs)  
9 a.m.– 3 p.m.—**pre-registration required**  
(Call the Corps office for details)
- 11-13 - Red Rock BalloonFest** (check [www.redrocklakeballoonfest.com](http://www.redrocklakeballoonfest.com) for details)
- 11- Night-time Adventures**  
9:00 p.m. - Playscape
- 12—Let's Go Paddling!**  
9:00-11:00 a.m.—North Overlook Beach
- 12—Welcome to the Playscape!**  
10:00 a.m.—Playscape
- 12—Playscape Craft Time**  
1:00 p.m.—Playscape
- 13—Iowa's Feathered Chorus**  
8:00 a.m.—Playscape
- 13—Let's Go Muddin'!**  
1:00 p.m. - Playscape

Playscape Programs meet at the North Overlook Beach (north end of parking lot) unless specified.

(July continued)

- 16—Hunt Like an Animal!  
10:00 a.m.—Playscape
- 18—Iowa History: Just Dig It!  
10:00 a.m.—Playscape
- 18 - Butterfly Safari  
1:00 p.m. - South Tailwater
- 18 - Geocaching  
7:00 p.m. - Wallashuck Camp.
- 19—Iowa's Feathered Chorus  
10:00 a.m.—Playscape
- 19-Slippery Slithering Scales and Slime  
1:00 p.m. - Playscape
- 19 - Pond Exploration  
3:00 p.m. - South Tailwater
- 19—Stargazing 101  
9:00 p.m.—Whitebreast Camp.
- 20—Geocaching  
10:00 a.m.—Playscape
- 20—Creatures of the Deep  
1:00 p.m.—Playscape
- 23—Raptors: Rulers of the Sky  
10:00 a.m.—Playscape
- 25 - "Thief in the Night"  
7:00 p.m. - Howell Station Campground
- 25—It's a Bird, It's a Plane...It's a Bat!  
8:30 p.m.—Playscape
- 26—Bird Banding  
7:00-9:00 a.m.—Visitor Center
- 26—Iowa's Furry Friends  
10:00 a.m.—Playscape
- 26 - Snake Lunchtime  
11:00 a.m. - Red Rock Visitor Center
- 26—Crawly Creatures: Iowa's Invertebrates  
1:00 p.m.—Playscape
- 26 - Let's Go Paddling!  
2:00-4:00 p.m. - Roberts Creek east ramp
- 27— Iowa's Fantastic Forests  
10:00 a.m. - Playscape

- 27—Saving Iowa's Wetlands  
1:00 p.m. - Playscape
- 30—Playscape Craft Activities  
10:00 a.m.—Playscape

## August

- 1—Finding Your Way  
10:00 a.m.—Playscape
- 1—Tree I.D. Hike  
1:00 p.m.—Meet at North Overlook Picnic
- 2—Let's Go Paddling!  
9:00-11:00 a.m.—Wallashuck old ramp
- 2—Habitat and Population  
10:00 a.m.—Playscape
- 2—Sounds of Nature  
1:00 p.m.—Playscape
- 3—Hunt Like an Animal!  
10:00 a.m.—Playscape
- 3—Iowa History: Just Dig It!  
1:00 p.m.—Playscape
- 6—Precious Prairies  
10:00 a.m.—Playscape
- 6—Kids' Craft Day  
1:00-3:00 p.m.—Visitor Center
- 8—Playscape Craft Activities  
10:00 a.m.—Playscape
- 8—Campground Wildlife  
1:00 p.m.— Visitor Center
- 8 - Roberts Creek Paddling Tour  
5:30-7:30 p.m. (must be 16+ yrs old,  
preregistration required - call Corps office)
- 9—Birdwatching Hike  
8:00 a.m.—Playscape
- 9—Riparian Plants  
9:00 a.m.—Meet at Visitor Center
- 9—Snake Lunchtime  
11:00 a.m.—Visitor Center

**Playscape Programs** meet at the North Overlook Beach (north end of parking lot) unless specified.

(August, Continued)

- 9—Iowa History: Just Dig It!**  
1:00 p.m.—Playscape
- 10—Precious Prairies**  
10:00 a.m.—Playscape
- 10—What's in the Water?**  
1:00 p.m.—Playscape
- 13—Geocaching**  
10:00 a.m.—Playscape
- 15—Iowa's Feathered Chorus**  
9:00 a.m.—Playscape
- 15—Iowa Prehistory**  
7:00 p.m.—Whitebreast Amphitheater
- 16—Geocaching**  
10:00 a.m.—Playscape
- 16—Backcountry Survivors**  
1:00 p.m.—Playscape
- 17—Iowa's Furry Friends**  
10:00 a.m.—Playscape
- 17—Finding Your Way**  
1:00 p.m.—Playscape
- 20—Crawly Creatures: Iowa's Invertebrates**  
10:00 a.m.—Playscape
- 22—Sounds of Nature**  
10:00 a.m.—Playscape
- 22—Butterfly Safari**  
1:00 p.m.—South Tailwater
- 22—Red Rock: The Town Beneath the Lake**  
8:30 p.m.—Howell Station Campground
- 23—Habitat and Population**  
8:00 a.m.—Playscape
- 23 - Amazing Mollusks! Freshwater Mussels**  
10:00 a.m. - Red Rock Visitor Center
- 23 - Let's Go Paddling!**  
1:00-3:00 p.m. - Roberts Creek east ramp
- 23 - Creatures of the Deep**  
1:00 p.m. - Playscape
- 24 - Slippery Slithering Scales and Slime**  
10:00 a.m. - Playscape

- 24 - Iowa's Fantastic Forests**  
1:00 p.m. - Playscape
- 29 - Butterfly Safari**  
3:00 p.m. - South Tailwater
- 29 - Pond Exploration**  
7:00 p.m. - South Tailwater
- 29 - Nighttime Adventures**  
8:30 p.m. - Playscape
- 30 - Birdwatching Hike**  
8:00 a.m. - Wallashuck Campground
- 30 - Iowa History: Just Dig It!**  
10:00 a.m. - Playscape
- 30 - Crawly Creatures: Iowa's Invertebrates**  
~~1:00 p.m.—Playscape (CANCELLED)~~
- 30 - Let's Go Paddling!**  
2:00-4:00 p.m. - Roberts Creek East Ramp
- 30-31- Bobber/Water Safety Dog Cartoons**  
9:30-6 p.m.—Visitor Center
- 31 - Hunt Like an Animal!**  
10:00 a.m. - Playscape
- 31 - Geocaching**  
1:00 p.m. - Playscape

## September

- 1 - Bobber/Water Safety Dog Cartoons**  
9:30-6 p.m.—Visitor Center
- 1 - Raptors: Rulers of the Sky**  
10:00 a.m. - Playscape
- 1 - Backcountry Survivors**  
1:00 p.m. - Playscape
- 12 - Monarch Watch: Butterfly Tagging**  
5:30 p.m. - South Tailwater



Photo Scavenger Hunt Sponsored by  
the Red Rock Lake Association

Here's how it works: Simply spend time exploring the fantastic trails surrounding Lake Red Rock—with your camera in hand! As you explore, search for items on the 'scavenger hunt list' for the trail you are trekking and take a quick photo. Once your adventure is finished, stop by the Red Rock Visitor Center to share your pix with a staff member and track your effort on your Red Rock Trail Trekker Passport.

**What's in it for You?**

After you have completed three of the six scavenger hunts, you will earn a 3-in-1 whistle compass thermometer to take out on your next journey, and if you complete all six Trail Trekker Scavenger Hunts, your name will be entered into a drawing for the grand prize: an assortment of great wildlife field guides!  
*(Program runs Memorial Day-Labor Day weekend. Drawing will take place after Labor Day weekend. Winner will be notified.)*

**Passports and Scavenger Hunt Lists Are Available at the Following Locations:**

Online:  
[www.redrocklakeassociation.org](http://www.redrocklakeassociation.org)

or  
[www.lakeredrock.org](http://www.lakeredrock.org)  
(click on "Trail Trekkers" link)

**Hard Copies Also Available:**  
Red Rock Visitor Center

You can also scan  
the QR Code here:



2014 Lake Red Rock  
Explorer Card



Get this card stamped at each lake program you attend  
and every time you borrow "Kids Outdoors" gear this year.  
Get six stamps to receive a certificate  
and your picture on display at the visitor center!

Program information available online at [www.lakeredrock.org](http://www.lakeredrock.org)



**Lake Red Rock Explorer Cards**

Attention all explorers! Pick up a Lake Red Rock Explorer Card at any lake program or from the visitor center and get it stamped at every ranger activity you attend as well as every time you check out "Kids Outdoors" gear this summer. Fill your card with six stamps and get a certificate and your picture on display at the Red Rock Visitor Center!

**"Kids Outdoors"  
Outdoor Gear Checkout Program**

Available at Red Rock Visitor Center  
Open Daily Memorial Day-Labor Day  
9:30a.m.-6:00 p.m.

Take the kids (or yourself) outside and spend some quality time exploring nature! Don't have the outdoor gear to do it? No problem...borrow some from us at the Red Rock Visitor Center free of charge!

- Pond Study Adventure Kits
- Bird-watching Exploration Packs
- Bug Packs
- Animal Track Discovery Kits
- Life Jackets (Adult & Child Sizes)
- GPS Units (Geocaching Packs)
- Disc Golf Sets (Try them at Robert's Course)
- Volleyball Equipment (Nets at N. Overlook Beach)

Playscape Programs meet at the North Overlook Beach (north end of parking lot) unless specified.

## Bird Banding

**Sat., May 17—7:00 –9:00 a.m.—Visitor Center**

**Sat., July 26 - 7:00-9:00 a.m. - Visitor Center**

Join Nelson Hoskins, area birdwatcher and licensed bird bander, to experience what the science of bird banding is all about! Mist nets will be set up around the visitor center to capture small birds which will then be fitted with numbered leg bands to track their movements (if recaptured at some point in the future). Come check out the thrill of seeing live birds “in hand” as they are banded for future research!

## Nighttime Adventures

**Fri., May 23—8:30 p.m.—Playscape**

**Fri. June 6—9:00 p.m.—N. Overlook Camp.**

**Fri., July 11—9:00 p.m.—Playscape**

**Fri., Aug. 29—8:30 p.m.—Playscape**

Take a night hike with us! While we walk, learn all about the many different nocturnal species we have here in Iowa. Additionally, we will find some constellations if the night sky is clear enough!

## Birdwatching Hike

**Sat., May 24 -7:00a.m—Whitebreast Camp.**

**Sat., June 21 - 8:00 a.m.- Howell Station**

**Sat., Aug. 30 - 8:00 a.m. - Wallashuck Camp.**

Take a journey on a quest for Red Rock’s winged wonders! You will learn how to spot birds and the basics of identifying them by sight and sound. Bring your binoculars and a field guide or borrow these from us. Please wear closed-toe shoes and pants.

## Iowa’s Fantastic Forests

**Sat., May 24—1:00 p.m.—Playscape**

**Sun., June 29—10:00 a.m.—Playscape**

**Sun., July 27—10:00 a.m.—Playscape**

**Sun., Aug. 24—1:00 p.m.—Playscape**

Forestry is neat! Find out why forests are so important, and learn how to identify many local species of trees through their unique characteristics. Then, we will get to take a hike and use our new knowledge to identify trees along the path.

## Snake Lunchtime

**Sat., May 24—3:00 p.m.—Visitor Center**

**Sat., July 26—11:00 a.m.— Visitor Center**

**Sat., Aug. 9—11:00 a.m.—Visitor Center**

It’s feeding day at the visitor center! Stop by and join the center’s resident snakes as they have a bite to eat!

## Welcome to the Playscape!

**Sat., May 24—7:00 p.m.—Playscape**

**Thurs., June 12—10:00 a.m.—Playscape**

**Sat., July 12—10:00 a.m.—Playscape**

The Playscape is new to the area, so take this opportunity to come on out and learn about all it has to offer! From trails to prairie to playgrounds, there is plenty to keep you busy!

## Iowa’s Feathered Chorus

**Sun., May 25—1:00 p.m.—Playscape**

**Sun., June 22—9:00 a.m.—Playscape**

**Sun., July 13 -8:00 a.m. - Playscape**

**Sat., July 19—10:00 a.m.—Playscape**

**Sat., Aug. 9 - 8:00 a.m. - Playscape**

**Fri., Aug. 15—9:00 a.m.—Playscape**

You hear them singing all the time and see their brilliant colors as they fly by, but how much do you really know about songbirds? Learn some common species in Iowa. Learn to identify them by listening to their songs and seeing different kinds of feathers. Then, we get to put our new knowledge to the test and go on a hike to spot some of these beautiful birds. Finish by constructing your very own bird house or bird feeder to take home!

## Iowa History – Just Dig It!

**Sun., May 25—7:00 p.m.—Playscape**

**Wed., June 18—10:00 a.m.—Playscape**

**Sat., June 28—10:00 a.m.—Playscape**

**Fri., July 18—10:00 a.m.—Playscape**

**Sun., Aug. 3—1:00 p.m.—Playscape**

**Sat., Aug 9—1:00 p.m.– Playscape**

**Sat., Aug. 30—10:00 a.m.—Playscape**

Learn about the history of Iowa! From glaciers carving the land to prehistoric fossils to Native American history, there is a lot to discover! Get hands-on as we dig for fossils and artifacts!

*Playscape Programs meet at the North Overlook Beach (north end of parking lot) unless specified.*

## Geocaching

**Mon., May 26—10:00 a.m. - Playscape**  
**Sat., June 14—1:00 p.m.—Playscape**  
**Sun., June 22—1:00 p.m. - Playscape**  
**Sat., June 28 - 7:00 p.m. - Howell Station**  
**Fri., July 18 - 7:00 p.m. - Wallashuck Camp.**  
**Sun., July 20—10:00 a.m.—Playscape**  
**Wed. Aug. 13—10:00 a.m.—Playscape**  
**Sat., Aug. 16—10:00 a.m.—Playscape**  
**Sun., Aug. 31—1:00 p.m.—Playscape**  
Never heard of geocaching? Not a problem! Come to this program to learn about this growing sport and participate in it. We will provide attendees with GPS units, and then you can use them to locate hidden caches using GPS coordinates. A great way to get started with navigation and geocaching!

## Let's Go Muddin'!

**Mon., May 26—1:00 p.m.—Playscape**  
**Fri., June 20—1:00 p.m.—Playscape**  
**Sun., July 13—1:00 p.m. - Playscape**  
Who doesn't love to get down and dirty in the outdoors!? In this program, we will be on a quest to discover all sorts of creatures which like to live in dirty environments, such as under rocks and logs, in the dirt, and in wetlands. We may get ourselves a little dirty in the process!

## Iowa's Furry Friends

**Fri. May 30—7:00 p.m. - Playscape**  
**Sat. June 21—2:00 p.m.—Playscape**  
**Sat., July 5—1:00 p.m.—Playscape**  
**Sat., July 26—10:00 a.m.—Playscape**  
**Sun., Aug. 17—10:00 a.m.—Playscape**  
Learn all about mammals in Iowa! It's easy to learn about mammals when you get to touch and see skulls, furs, and tracks firsthand. Also, we will go on a hike and learn how to look for signs of mammals, and possibly even see one along the way!

## Boater Education Course

**Sat., May 31-9:00 a.m.-5:00 p.m.-Visitor Center**  
*(Preregistration required—call the Corps office)*  
Join the U.S. Coast Guard Auxiliary for this excellent course and brush up on your boating knowledge, safety requirements and general rules of the road. The class is open to beginners as well as experienced boaters of all ages, and it also fulfills the state's boater education requirement for young boaters 12 up to 18 years old. The course fee is \$5.00 for those seeking certification.

## Aquatic Insects

**Sat., May 31—3:30 p.m.—SouthTailwater (meet at parking lot closest to large shelter)**  
Join Jacklyn Gautsch, Iowa DNR Biologist, to explore the fascinating diversity of life that dwells beneath the surface of the water. Participants will use dip nets to collect and investigate the aquatic invertebrates that call water their home. Learn about their adaptations for life in the water, their interesting life cycles, and how they are used as bioindicators for water quality.

## Pond Exploration

**Sat., June 7—10:30 a.m.—Playscape**  
**Sat., July 19 - 3:00 p.m. - South Tailwater**  
**Fri., Aug. 29 - 7:00 p.m. - South Tailwater**  
Go "mucking" at one of the lake area's wetlands! Dip nets and tubs will be available for you to try and catch some of the critters swimming and crawling in and around the area! Mucking can be messy, so please wear old shoes and clothes.

## The Geologic Story Behind the Red Rocks

**Sat., June 7-1:00 p.m.—Meet at Visitor Center**  
Join Robert M. McKay, retired geologist from Iowa Geological Survey, for a look at the lake area's interesting geologic features and discuss the uniqueness of the formations. Participants will be hiking during this program, so please wear good walking shoes and dress for the weather.

## Sounds of Nature

**Wed., June 11—10:00 a.m.—Playscape**  
**Sun., June 15—10:00 a.m.—Playscape**  
**Sun., July 6—10:00 a.m.—Playscape**  
**Sat., Aug. 2—1:00 p.m.—Playscape**  
**Fri., Aug. 22—10:00 a.m.—Playscape**  
Have you ever gone in the outdoors just to sit and listen? There's a lot going on! Come learn about why animals make so many different noises, and what it all means. We will also finish up the program with a fun activity!

## Kids' Craft Day

**Wed., June 11—1:00-3:00 p.m.-Visitor Center**  
**Wed. July 9—1:00-3:00 p.m.—Visitor Center**  
**Wed., Aug. 6—1:00-3:00 p.m.—Visitor Center**  
Got creative kids? Bring your young artists to enjoy make-and take nature craft activities!

Playscape Programs meet at the North Overlook Beach (north end of parking lot) unless specified.

## Let's Go Paddling!

Fri., June 13—2:00-4:00 p.m.—Roberts Creek  
Fri., July 4—2:00-4:00 p.m.—Roberts Creek  
Sat., July 12—9-11 a.m.—N. Overlook Beach  
Sat., July 26 - 2-4 p.m. - Roberts Creek  
Sat., Aug. 2—9:00-11:00 a.m.—Wallashuck  
Sat., Aug. 23—1:00-3:00 p.m.—Roberts Creek  
Sat., Aug. 30—2:00-4:00 p.m.—Roberts Creek  
Enjoy this chance to experience both canoeing and kayaking in the same day! Give one or both types of watercraft a try and see how much fun paddling can be! (You must be at least 10 years old to use kayaks. Life jackets will be provided. Programs may be cancelled if inclement weather/wind conditions.)

## World of the Wolf

Fri., June 13 —7:00 p.m. - Whitebreast Camp.  
Join the Pella Wildlife Company and one of their canine “ambassadors” to learn more about this fascinating species and what the future holds for them in Iowa.

## It's a Bird, It's a Plane... It's a Bat!

Fri., June 13 - 8:30 p.m. - Playscape  
Fri., July 25—8:30 p.m.—Playscape  
Want to learn about these mysterious and strange creatures? Come on out to learn about the special characteristics of bats. We will also take a hike when it gets dark to try to spot some bats swooping through the night sky!

## “Little Man of the Woods”

Sat., June 14 - 10 a.m. - Howell Station Camp.  
Does the phrase, “Busy as a beaver” sound familiar? Is this a myth or is there some truth in this saying? You decide after learning about the lifestyle of this non-aggressive aquatic mammal fondly nicknamed “Ole Flat Tail.” (Note: Meet at old amphitheater near site #60. Please bring your lawnchairs!)

## Archaeology and Cultural History of Iowa

Sat., June 14—2:00 p.m.—Visitor Center  
Join Cherie Haury-Artz from the University of Iowa Office of the State Archaeologist for an introduction to Iowa's archaeological past, a chronology of its cultural history, and the importance of the state's water trails to people throughout time.

## Habitat and Population

Sat. June 14—7:00 p.m.—Playscape  
Sun., July 6—1:00 p.m.—Playscape  
Sat., Aug. 2—10:00 a.m.—Playscape  
Sat., Aug. 23—8:00 a.m.—Playscape  
Learn about how Mother Nature is able to regulate populations of animals so well, focusing on terms such as carrying capacity and population density. We will play a game to help visualize these!

## Saving Iowa's Wetlands

Sun., June 15 —1:00 p.m.—Playscape  
Sun., July 27—1:00 a.m.—Playscape  
Wetlands are crucial to humans and many animal species. However, the wetlands in Iowa have been disappearing! Learn about some animals that call Iowa wetlands their home and what advantages wetlands provide.

## Junior Rangers (pre-registration required)

Wed., June 18—9:00 a.m.-3:00 p.m.  
Thurs., July 10—9:00 a.m.-3:00 p.m.  
Attention boys and girls! If you are between the ages of 8 and 10 years old and would like to learn what it's like to be a Park Ranger at Lake Red Rock, sign up for one of these day camps. For more information, contact the Corps office.

## Paddle to Hickory Ridge

Fri., June 20 - 5:00-7:00 p.m. - Whitebreast Ramp (preregistration required - call Corps office)  
Join a park ranger for a leisurely paddle to the Hickory Ridge Wilderness Campground. Bring your own kayak or borrow one from us free of charge! A limited number of kayaks are available, so pre-registration is needed if you want to borrow one. (**Must be at least 16 years old to borrow kayaks for the activity, and adults must accompany minors.**) Activity may be cancelled if inclement weather/ lake conditions.

## Backcountry Survivors

Sat., June 21—9:00 a.m.—Playscape  
Sat., Aug. 16—1:00 p.m.—Playscape  
Mon., Sept. 1—1:00 p.m.—Playscape  
Do you know how to survive in the wilderness with just a few supplies? Learn some wilderness survival skills with this program! From what gear to pack to building a fire to making shelter, we will learn some essential basic survival skills to help you in an emergency.

Playscape Programs meet at the North Overlook Beach (north end of parking lot) unless specified.

## Bike Safety Check

**Sat., June 21-10:00-11:30 a.m.-Howell Station**

Is your bike ready for summer? Members of the Pella Cycling Club are offering a free bike safety check for all bicyclists. Stop by and make sure your wheels are trail-ready!

## STEM Workshop for K-8 Teachers\*

**June 25-26—9:00 a.m.-3:00 p.m. each day**

*\*(Pre-registration required—call the Corps office for details)*

Lake Red Rock will host a Science, Technology, Engineering and Math (STEM) Professional Development Opportunity for K-8 educators featuring the "Engineering is Elementary" curriculum series. The course will be offered in partnership with Central College's Department of Education and the 3M Visiting Wizards. Acoustical engineering will be the topic highlighted during the workshop. The class will be held from 9:00 a.m.-3:00 p.m. each day and will include indoor and outdoor classroom activities. Additional tasks may also be required outside of class hours. Teachers interested in attending the workshop would be eligible to earn continuing education credit through Heartland AEA. There is a possibility teachers could apply for support for curricular materials through a STEM grant.

## Survivor Red Rock (pre-registration required)

**Fri., June 27—9:00 a.m.-3:00 p.m.**

**Fri., July 11—9:00 a.m.-3:00 p.m.**

Boys and girls ages 11-12 years old: Have fun learning how to build a fire, make an emergency shelter, perform basic wilderness first aid, learn basic GPS skills, and paddle a kayak! Group size is limited and pre-registration is required. For more information, contact the Corps office. (Kayaking will be dependent on wind/weather conditions.)

## Hunt Like an Animal!

**Fri., June 27 - 7:00 p.m.—Playscape**

**Wed., July 16—10:00 a.m.—Playscape**

**Sun., Aug. 3—10:00 a.m.—Playscape**

**Sun., Aug. 31-10:00 a.m.—Playscape**

Learn what features and characteristics help predators find and consume their food and how their prey has adapted to keep themselves safe. Go on a "hunt" of our own to practice what we've learned!

## Crawly Creatures: Iowa's Invertebrates

**Sat., June 28—2:00 p.m.—Playscape**

**Wed., July 9—10:00 a.m.—Playscape**

**Sat., July 26—1:00 p.m.—Playscape**

**Wed., Aug. 20—10:00 a.m.—Playscape**

**Sat., Aug. 30—1:00 p.m.—Playscape** (CANCELLED)

Under rocks and logs, in the grass, in the sky, under the water... invertebrates are everywhere! Come find out more about these animals! We will learn about the many different types of invertebrates you can find in Iowa, and we will go on a search to find some!

## Precious Prairies

**Sun., June 29—1:00 p.m.—Playscape**

**Wed., Aug. 6—10:00 a.m.—Playscape**

**Sun., Aug 10—10:00 a.m.—Playscape**

Prairies used to cover 30 million acres of land in Iowa—now less than .1% of that remains. Learn about some of the plants and animals that inhabit this diverse ecosystem. Additionally, find out why prairies are so important and what is being done to save them.

## Slippery Slithering Scales and Slime

**Wed., July 2—10:00 a.m.—Playscape**

**Sat., July 19—1:00 p.m.—Playscape**

**Sun., Aug. 24—10:00 a.m.—Playscape**

Snakes, frogs, turtles, salamanders—gross, right? Maybe not! Come learn about Iowa's reptiles and amphibians. They are very interesting animals, and there's a lot to learn about them. Look for and observe reptiles and amphibians in nature, and you can even handle a live snake if you'd like!

## Create a Mosaic for the Playscape\*

**Thurs., July 3—1:00 p.m.—Visitor Center**

Help mosaic some unique "stepping stones" that will someday be added as an artistic element to the new Playscape! \*(limited supply of stepping stones available - please call the Corps office to register for the activity.)

## Nature's Fireworks: Fireflies

**Thurs., July 3—9:00 p.m.—Howell Station**

Ooh! Aah! The brilliant flashes of fireflies brighten the warm summer nights and offer a wonderful display! Take a walk in search of "nature's fireworks" and learn a bit about the insects that create the show!

Playscape Programs meet at the North Overlook Beach (north end of parking lot) unless specified.

## Playscape Craft Time

**Fri., July 4—10:00 a.m.—Playscape**  
**Sat., July 12—1:00 p.m.—Playscape**  
**Wed., July 30—10:00 a.m.—Playscape**  
**Fri., Aug. 8—10:00 a.m.—Playscape**

Young artists can join in for some make-and-take creative fun at the Playscape! Supplies will be provided - all you need to bring is your imagination and creativity!

## What's in the Water?

**Sat., July 5—10:00 a.m.—Playscape**  
**Sun., Aug. 10—1:00 p.m.—Playscape**

Have you ever wondered what exactly is in the water that we use every day? Learn about different sources of water pollution in Iowa and how water moves over the land. Finish up by using actual water testing kits to measure the levels of different pollutants in the water!

## Restoring Ecosystem Function: Bison-Mediated Seed Dispersal in Tallgrass Prairies

**Sat., July 5—7 p.m.—Whitebreast Camp.**

Bison are considered a keystone species in grassland ecosystems. Through fire-grazing interactions, wallowing, nutrient cycling, and seed dispersal, bison altered their historic range in ways that are not found in most prairie reconstructions. We'll explore the natural history of bison in the eastern tallgrass prairie and see how the loss of these mega-herbivores has impacted the ecology of our remaining tallgrass prairies. Pete (former Naturalist for Mahaska County Conservation Board) has been involved in bison ranching in southern Iowa for the last 17 years and is currently a PhD candidate at ISU, exploring the role of bison as seed dispersal agents in tallgrass prairies. He'll share findings from research being done in Iowa and how this information may lead to new techniques for grassland management, increasing biodiversity in our prairie reconstructions.



## Lake Red Rock Balloon Fest July 11-13, 2014

Visit [www.redrocklakeballoonfest.com](http://www.redrocklakeballoonfest.com)  
for more information.

## Butterfly Safari

**Fri., July 18 - 1:00 p.m. - South Tailwater**  
**Fri., Aug. 22—1:00 p.m.—South Tailwater**  
**Fri., Aug. 29 - 3:00 p.m. - South Tailwater**

Take a "safari" through a tallgrass prairie to stalk monarchs, fritillaries, wood nymphs and other butterfly species. We'll use some of the butterfly nets available for free checkout at the visitor center!

## Stargazing 101

**Sat., July 19—9:00 p.m.—Whitebreast Camp.**

Join Dr. Lee Wymore, amateur stargazer and biology teacher at Indian Hills Community College, to learn to identify some stars and constellations in our galaxy, the Milky Way. We'll also use an 8" Dobsonian reflector telescope to observe the rings of Saturn, the four Galilean moons of Jupiter, star clusters, and the occasional galaxy. (Programs will be cancelled if cloudy/raining).

## Creatures of the Deep

**Sun., July 20—1:00 p.m.—Playscape**  
**Sat., Aug. 23—1:00 p.m.—Playscape**

Learn all about some of the creatures that inhabit the water here at Lake Red Rock! From fish to turtles to aquatic bugs, there are many different interesting animals that live under the water.

## Raptors: Rulers of the Sky

**Wed., July 23—10:00 a.m.—Playscape**  
**Mon., Sept. 1—10:00 a.m.—Playscape**

Iowa's birds of prey do indeed rule the skies! Learn about the features and characteristics that help these raptors hunt so efficiently. You will also get the opportunity to learn about their diets firsthand by dissecting a real owl pellet!

## "Thief in the Night"

**Fri., Jul. 25 - 7:00 p.m.- Howell Station**

Problem: A critter of the night consistently raises havoc with backyard bird feeders. Action: Set a live trap and hopefully catch the culprit. Result: "Thief in the Night" is caught...surprise! (Note: Meet at old amphitheater site near site #60. Please bring your lawnchairs!)

Playscape Programs meet at the North Overlook Beach (north end of parking lot) unless specified.

## Finding Your Way

**Fri., Aug. 1—10:00 a.m.—Playscape**

**Sun., Aug. 17—1:00 p.m.—Playscape**

Believe it or not, people didn't always have MapQuest to help them get from place to place! We will learn about old-time navigation through the use of things such as stars, the sun, or a compass and map. At the end, we will put our skills to the test with an orienteering course.

## Tree I.D. Hike

**Fri., Aug. 1—1:00 p.m. -North Overlook Picnic**

Come see the forest for the trees! Take a look at some of the different species growing along the Stu Kuyper Trail and pick up a few tips how to identify them on your next outing!

## Campground Wildlife

**Fri., Aug. 8—1:00 p.m.—Visitor Center**

Learn about lake area critters that might pay you a visit on your next camping trip or hike!

## Roberts Creek Paddling Tour

**Fri., Aug. 8 - 5:30-7:30 p.m. (must be 16+ years old, pre-registration required)**

Enjoy a leisurely paddle around a portion of Roberts Creek and enjoy the sights and sounds of nature! Bring your own kayak or borrow one from the Corps for the activity - preregistration required - Call the Corps office for details.

## Riparian Plants

**Sat., Aug. 9-9:00 a.m.—Meet at Visitor Center**

Join Iowa DNR Botanist Dr. John Pearson to learn about the trees, shrubs, wildflowers, and other plants that inhabit the waterways, lakeshores, riverbanks and floodplains of Iowa. Learn to recognize plants that you commonly see along your paddling routes and around your campgrounds!

## Iowa Prehistory

**Sat., Aug. 15—7:00 p.m.—Whitebreast Camp.**

Are you curious about the first people who lived around the lake area? Join Pete Eyheralde, former Naturalist for Mahaska County Conservation Board, for a snapshot of the different cultures of Native American tribes that once called the Des Moines River their home. Artifacts and replicas of prehistoric tools will be on display during the program.

## Red Rock: The Town Beneath the Lake

**Fri., Aug. 22—8:30 p.m.—Howell Station**

The town of Red Rock was once a thriving, industrious community and home to many colorful, pioneering people. Once hopeful that the Red Rock Dam would save them from the Des Moines River's frequent flooding, it eventually sealed their fate. Join a Park Ranger to catch a glimpse of this historic settlement now lying beneath the waters of the lake! (*meet at old amphitheater site near site #60 - please bring your lawnchairs!*)

## Amazing Mollusks! Freshwater Mussels

**Sat., Aug.23-10:00 a.m.-Visitor Center**

Join DNR Biologist Jennifer Kurth for a closer look at these "one-footed" creatures roaming the many rivers and streams of Iowa. Freshwater mussels play an important role the health of freshwater ecosystems, helping keep the water clean by acting as Mother Nature's water filters. For something that looks like a living rock, they have a unique life cycle and interesting adaptations to the environment in which they live. Come learn more!

## Monarch Watch: Butterfly Tagging

**Fri., Sept. 12—5:30 p.m.—South Tailwater**

Join the Monarch Watch volunteer effort! We'll attempt to tag some of these unique butterflies as they pass through the Red Rock area during their fall migration. Data from tagged butterflies may be used to help searchers track the monarchs' journey to Mexico.

### *Check Out the Playscape!*



- *Playground Created with Natural Materials*
- *Located off the Volksweg Trail west of North Overlook Campground and Beach*
- *Lots of Fun Activities Planned for the Family!*

## One Hour Visit:

Stop by the Red Rock Visitor Center to check out a Bird Exploration Pack, then take a short hike on the North Overlook Nature Trail to look and listen for songbirds.

Climb to the top of the Cordova Observation Tower and take some photos of the lake view, then hike the short nature trail to see the red sandstone cliffs.

Bring your swimsuit, towel and sunscreen and cool off at the North Overlook Beach.

Tag along on a park ranger-led hike or take part in one of the many nature programs offered during the year.

## Two Hour Visit:

Check out a GPS unit from the Visitor Center and try to find some of Red Rock's many geocaches hidden around the lake area.

Walk the shoreline by Whitebreast Point and look for unique rocks (please leave rocks though for other visitors to enjoy).

Walk the trail to the new "Playscape" natural playground and let the kids make up some new adventures while you explore the area.

Check out disc golf sets from the Red Rock Visitor Center and challenge your friends to a round at the Roberts Creek Disc Golf Range

## Half-Day Visit:

Bring your kayak and paddling gear and check out the scenic bluffs and Hickory Ridge Wilderness Campground along the lake's water trail.

Bring your bike and ride the Volksweg paved bike trail around the north side of the lake, and end the tour at one of Fifield's shelters for a picnic lunch.

Pack up the kids, boat, and plenty of life jackets for a ride around the largest lake in Iowa!

## Full Day Visit:

Pick up a map of the lake area, pack a lunch and water bottle in your day pack, and spend the day exploring some of the more remote public lands on the northwest side of the lake.

Wet your fishing line during some leisure time fishing along the river below the dam, then fry up your catch for lunch at one of the South Tailwater picnic shelters. If the big fish elude you, take a photo of yourself next to the "Big Lunker" catfish in the park's new playground to impress your friends!

## Weekend Visit:

Reserve a campsite at one of Lake Red Rock's eight campgrounds and enjoy more time experiencing many of the activities listed here!

### Meet "Buddy Beaver," Water Safety Mascot!

Hey Kids! Buddy will be stopping at Lake Red Rock's beaches, boat ramps and other parks throughout the summer to make sure you know how to be safe around the water! Buddy wants you to use the "Buddy system" and wear your life jacket! If you see him, stop by and say hello - he might even be



handing out a few water safety goodies during his visits! Keep your eyes open - you never know where or when he'll turn up!

### Can You Find the "Big Lunker?"



The Des Moines River has some pretty big fish, but this one might be a new record! Be on the lookout for this big catfish below the dam on your next visit. He's great for photo opportunities....and for your next fish tale!

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## Stop at the Red Rock Visitor Center!

Lake Information - Helpful Staff - Books/Gifts - Equipment Checkout

January.....	Closed (open by appointment only)
February/March.....	Saturdays and Sundays 12:00 - 4:00 p.m.
April .....	Saturdays and Sundays 9:30 a.m. - 6:00 p.m.
May.....	Mon. - Fri. 12:00 - 4:00 p.m. & Sat.- Sun. 9:30 a.m. - 6:00 p.m.
Memorial Day - Labor Day.....	Everyday 9:30 a.m. - 6:00 p.m.
September/October.....	Saturdays and Sundays 9:30 a.m. - 6:00 p.m.
November.....	Saturdays and Sundays 12:00 - 4:00 p.m.
December.....	Closed (open by appointment only)

### Questions? Contact Us!

Lake Red Rock (Corps Office and Red Rock Visitor Center)  
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