

SCIENCE Kids



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SHERIDAN, WYOMING

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Thorne Ecological Institute

Sheridan County YMCA

Thanks to:

Sheridan County School Districts #1 and #2

The Nature Conservancy

To register:

www.science-kids.org

For more information:

Call 307-763-0976 or sarah@science-kids.org



SCIENCE Kids 2011

To register: go to www.science-kids.org

Ages 6-8:

Hands on Nature

June 8-10

Time: 8:30 am -1:30 pm • **Cost:** \$85

Nature-oriented activities for the young and curious. Come join in the fun as we learn about ecology through hands-on experiences with nature and art. We will be in the field most of the time, exploring a variety of habitats and their bugs, animals and plants. Please dress appropriately for outdoor activities and bring a snack, lunch, water bottle, hat, and sunscreen. All materials will be provided. Instructor: Barbara Masoner

Young Naturalists

June 14-17

Time: 8:30 am -1:30 pm • **Cost:** \$105

Explore woods, meadows, and streams to discover all the amazing things that happen all the time outside. Learn how to use your eyes, ears, nose, and sense of touch to experience the world like never before. By the end of the week, you'll be a real naturalist, and will be able to see everything, even your backyard, in a new way. Please dress appropriately for outdoor activities and bring a snack, lunch, water bottle, hat, and sunscreen. All materials will be provided. Instructor: Sam Singer, M.S.

Creeks and Critters

July 11-14 and July 25-28

Time: 8:30 am -1:30 pm • **Cost:** \$105

Explore the wet and wild areas in and around Sheridan. We will search for and learn about the animals who live near these riparian areas. Not only will we look for animals who live near the water, we will also look IN the water for macroinvertebrates. These are insects who begin their life underwater. Students will complete a field journal, record their findings and perform scientific experiments. Please dress appropriately for outdoor activities and bring a snack, lunch, water bottle, hat, and sunscreen. All materials provided. Instructor: Emily Emond, M.S.

Wings and Things

August 1-3

Time: 8:30 am -1:30 pm • **Cost:** \$85

Calling all junior biologists! Join Audubon Wyoming Community Naturalists on a three-day extravaganza exploring the sky, water, and ground searching for signs of life. Students will learn all about birds, aquatic life, and even how to find animal tracks. Please dress appropriately for outdoor activities and bring a snack, lunch, water bottle, hat, and sunscreen. All materials will be provided. On the second day, students' feet may be in the water, so rubber boots or other shoes that can get wet and muddy are suggested. All materials will be provided: Instructors: Dustin and Jacelyn Downey, Audubon Naturalists.

Ages 9-11:

Bug Out!

June 20-23

Time: 8:30 am -1:30 pm • **Cost:** \$105

Bugs are everywhere, we just have to look for them! Spend a week identifying insects and other invertebrates, and find out the many wonderful and wacky things they do, many of which are helpful to humans. You'll use a variety of tools to learn how insects are adapted to the Wyoming environment, and even start your own bug collection. A fun experience for the aspiring entomologist! Please dress appropriately for outdoor activities and bring a snack, lunch, water bottle, hat, and sunscreen. All materials will be provided. Instructor: Emily Emond, M.S.

Science Adventurers

June 27-30

Time: 8:30 am -1:30 pm • **Cost:** \$105

Stretch yourselves in this class for older kids, exploring the outdoors. Use your skills with map and compass, hike in to a geocache, build a fire, compare life and water quality in two aquatic ecosystems, and team up for some nature art. End the class with a stewardship project and some fun and whacky science experiments. Please dress appropriately for outdoor activities and bring a snack, lunch, water bottle, hat, and sunscreen. All materials will be provided. Instructor: Annie Bergman, Ph.D.

Fly-Fishing

July 5-7

Time: 8:30 am -1:30 pm • **Cost:** \$85

Join two of Sheridan's premier fisherwomen as they explore fly-fishing from the water up. Kids will learn entomology as it pertains to fishing, become familiar with equipment, learn to cast, and spend time fishing on still water. Water safety will be stressed. The last day will be an outing where students will try their hand at stream fishing. Please dress appropriately for outdoor activities and bring a snack, lunch, water bottle, hat, and sunscreen. Students will need to bring their own fly-rods. Instructors: Julie Davidson and Jami Harvey.

The Art of Birding

July 19-22

Time: 8:00 am -2:00 pm • **Cost:** \$135*

Look closely! They're blue, yellow, gray, red and brown. They can fly, sing, and are crafty with sticks and grass. You guessed it- we're headed out to explore the world of ornithology! We will learn how to identify birds, where to look for certain species and learn bird calls. Scientists can also be artists, and often use their art to document what they observe. *The second part of the course will be an art adventure where you'll play with fine art techniques, enhancing all that you just saw in the field.* Please dress appropriately for outdoor/art activities and bring a snack, lunch, water bottle, hat, and sunscreen. All materials will be provided. Instructors: Joel Pontius, M.S. and Arin Waddell, M.A., M.F.A. ***Please note: this is an extended course.**

All Ages:

Brinton Star-Gazing

June 15 and July 26

Time: 9:00 pm -10:30 pm

Cost: \$10/person, \$20/family

Join amateur astronomer, Sam Singer, for an evening of exploring stars, planets, nebulae, galaxies, and more at the beautiful Bradford Brinton Memorial and Museum. Bring the whole family to enjoy learning about the incredible connectedness of everything in the night sky. We'll use a ten inch Dobsonian telescope, binoculars and star charts to learn how to find and recognize objects so you can enjoy viewing the night sky back at home. Instructor, Sam Singer: M.S.

2011

