



An experience that leaves a lasting impression.

2008 Summer Course Catalog

MONTANA
OUTDOOR
SCIENCE
SCHOOL

Montana Outdoor Science School is a Bozeman-based nonprofit school dedicated to promoting an awareness, understanding and appreciation of the natural world through quality educational experiences. MOSS offers programs year-round including: after school and out-of-school classes, outreach to schools, teacher workshops, events and classes for adults and families, and community festivals such as the annual SnowFest, Watershed Festival and Raptor Fest.

In 1994, Martha Collins, Louise Forrest and Martha Kauffman, started a summer camp with the simple goal of creating fun, hands-on nature experiences for kids. Armed with experience as educators, mediators, scientists, authors and moms, the trio shared a vision that our lives are enriched when we have a greater understanding of our natural surroundings. Today, the summer camp has grown to where we offer year-round courses for all ages. As Montana Outdoor Science School celebrates its 14th year, the founders' vision is even more compelling.

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Welcome to Montana Outdoor Science School's (MOSS)
2008 Summer Course Catalog!

Have you visited us lately? We've moved! MOSS is
now located at the Historic Hatchery – just across
from the “M” trail on Bridger Canyon Road. Summer
camp drop off and pick up will be at our new location.
We'll include a map with your registration materials so
you'll know where to find us.

We loved our homes at the Emerson Center and Beall
Park, but when the opportunity arose to expand our 14
year relationship with U.S. Fish and Wildlife Service
into a collaboration that would give our students
access to 180 acres of nature right outside our office
doors – we knew we couldn't pass it up! At our new
home – we have several new resources to offer the
community including the launching of a Volunteer
Program in partnership with the Friends of the Fish
Tech Center; a host of exciting workshops especially
for adults; creation of the future Drinking Horse
Mountain Trail with Gallatin Valley Land Trust; and
expanded courses for youth that include in-depth
outdoor experiences on the Hatchery grounds.

You also may notice a thinner catalog this year. In an
effort to save resources and in response to the growing
numbers who are signing up to receive information
electronically, we have put expanded program
descriptions, staff bios and more on our website. We
are also happy to send you whatever you need by snail
mail. And as always – we welcome your phone calls.
We'd love to hear from you.

Happy explorations,
Cassie Carter
Executive Director



For more complete camp descriptions
please visit our website
www.outdoorscience.org

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Bozeman Courses

Bozeman Courses meet at the Historic Hatchery.



Nature Ramblers: Ages 3-5

This introductory program provides a fun and safe opportunity for you and your young one(s) to discover the wonders of nature first hand! Join us this summer as we go “Round and Round” exploring life cycles. Parents or a “big buddy” are asked to attend.

Round and Round

Let's explore plant and animal life cycles. Caterpillars emerge and become butterflies; tadpoles mature and become frogs; buds become blooms and carry on life through their seeds. Study the cycles that go round and round in the world of nature.

Every Friday, 9:30 – 11:00 am
\$20 per session

Tadpoles to Frogs: June 13 or July 18

Flower Power: June 20 or July 25

Insects Inside Out: June 27 or August 1

Tree Tales: August 8

Water World: July 11 or August 15

Kindergarten

For students entering Kindergarten in Fall of 2008
Monday – Thursday, 9:00 am – 1:00 pm
\$120 per class

Ponds, Pools and Puddles

Explore local pools, marshes and ponds in search of mysterious inhabitants!

June 16-19

Get the Bug

Peek under logs and rocks, search through shrubs and grasses, and get the bug for bugs!

June 23-26

Soil to Seeds

Where does our food come from? See, touch, and study plants that we grow for food at local farms.

July 7-10

Nature's Detectives

Search for nature's clues using all of your senses and earn your very own Nature Detective Badge.

July 14-17

Home Sweet Habitat

Whether you live in a house, tree, cave or hive, explore why your habitat is much more than a place to rest your head!

July 28-31

Splash Bash

Splash your way along a stream and use your five senses to explore stream life and investigate the role water plays in our world.

August 4-7

Grades 1-2

For students entering first or second grade in Fall of 2008
Monday – Thursday, 9:00 am – 3:00 pm

Tree Tour - YOU CHOOSE! 2 OR 4 DAY COURSE

Embark on a new adventure each day as we discover the unique features and creatures in the forests around us.

June 9-12

\$180 OR

Monday, June 9 and Wednesday, June 11 OR

Tuesday, June 10 and Thursday, June 12

\$95

Spineless Wonders

We will search high and low for spineless creatures, discovering who they are and what they do.

June 16-19

\$180

Rock Jocks

Become a “rock jock.” Uncover the past while you search for fossils, inspect cool rocks and identify mineral specimens.

June 23-26

\$180

Down on the Farm

Become a farmer for the week. Visit a local farm each day to learn about the farm animals and harvest your very own snack.

June 23-26

\$185



Eco Arts with ARTSPLOT!

The wonders of nature hold unlimited artistic opportunities. Notice the tiny signs of life around you as you create art from natural and reusable materials.

June 30-July 3

\$180

Bone Detectives

Hunt for skulls and bones and investigate the incredible adaptations that help animals survive.

July 7-10

\$185

Amazing Animals

Why is a bat not a bird, a whale not a fish? Unlock the answers and more as you learn “who’s who” in the animal kingdom.

July 7-10

\$180

What’s Growing On?

Discover the oldest living creature as we check out plants in local forests and meadows.

July 14-17

\$180

Wet & Wild

Prepare to get wet as we explore streams, rivers, marshes and ponds in search of plants and critters.

July 21-24

\$185

Rock Jocks

Become a “rock jock.” Uncover the past while you search for fossils, inspect cool rocks and identify mineral specimens.

July 21-24

\$180

Big Sky Courses



Ages: 4-5

Monday – Thursday, 9:30 am – 1:30 pm

Home Sweet Habitat

Whether you live in a house, tree, cave or hive, explore why your habitat is much more than a place to rest your head!

June 16-19

\$130

Ponds, Pools and Puddles

Explore local pools, marshes and ponds in search of mysterious inhabitants!

July 14-17

\$130

Get the Bug

Peek under logs and rocks, search through shrubs and grasses, and get the bug for bugs!

July 28-31

\$130

Grades 1-3

For students entering first through third grade in Fall of 2008
Monday – Thursday, 9:30 am – 3:00 pm

Rock Jocks

Become a “rock jock.” Uncover the past while you search for fossils, inspect cool rocks and identify mineral specimens.

June 16-19

\$180

Amazing Animals

Why is a bat not a bird, a whale not a fish? Unlock the answers and more as you learn “who’s who” in the animal kingdom.

July 7-10

\$180

Grades 5-8

For students entering fifth through eighth grade in Fall of 2008

PARADISE VALLEY AND YELLOWSTONE RESIDENTIAL CAMP - 2 WEEK CAMP

Join us for two weeks of residential camp adventure!

Sunday, July 20-Thursday, July 31

\$940

Paradise Valley Residential Camp - 1ST WEEK ONLY

July 20-25

\$480

Yellowstone Residential Camp - 2ND WEEK ONLY

July 25-31

\$480

For more complete descriptions see
page 6 or visit our website.

Community Events



Summer Round Up!

March 25, 4:00 - 7:00 pm, Bozeman Public Library

10th Annual Watershed Festival

May 17, 11:00 am - 3:00 pm, The Historic Hatchery

Sweet Pea Parade Float Creation

July 31, 3:30 - 5:30 pm, The Historic Hatchery

MOSS Barn Dance & Auction

September 20, 6:30 pm, Broken Hart Ranch

VISIT OUR
WEB SITE

Bridger Raptor Festival

October 4 & 5, Bridger Bowl

Adult Programs

MOSS is pleased to present a host of new programs for adults with courses, workshops and events that appeal to all interests and backgrounds. Proceeds from adult programs support our free youth and school programs.

Check out our website www.outdoorscience.org for more information.

www.outdoorscience.org

“We are so fortunate to have MOSS in Bozeman. No other summer programs out there teach knowledge of the outdoors, provide exercise, and are so well organized. I am impressed year after year with their excellence.”

-Rena Lee

Parent of a 4th grader

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Summer 2008 Course Calendar

Grade	June 9-13	June 16-20	June 23-27	June 30-July 3	July 7-11	July 14-18	July 21-25	July 28-Aug 1	Aug 4-8	Aug 11-15
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Bozeman Courses

pre K	Tadpoles to Frogs	Flower Power	Insects Inside and Out		Water World	Tadpoles to Frogs	Flower Power	Insects Inside and Out	Tree Tales	Water World
K		Ponds, Pools & Puddles	Get the Bug		Soil to Seeds	Nature's Detectives	Nature's Prints	Home Sweet Habitat	Splash Bash	
1 to 2	Tree Tour	Spineless Wonders	Rock Jocks & Down on The Farm	Eco-Arts	Bone Detectives & Amazing Animals	What's Growing On?	Wet & Wild & Rock Jocks	Down on the Farm	Amazing Animals & Bone Detectives	Wet & Wild
3 to 4	Tree Tour	Down & Dirty!	Nature's Palette	Mountain Madness	Trailblazers	Eyes on the Sky	Rock On (1st week)	Rock On (wk 2) & Animal Architects	Plant-It Earth	Aqua Adventures
5 to 6	Tree Tour	Predators	Farming For Food	Mountain Madness	Headwaters Crossing	Farming For Food & MT Mountaineers	Paradise Valley Residential Camp	Yellowstone Residential Camp	Headwaters Crossing	Natural History Filmaking
7 to 8		Missouri Breaks Canoe Adventure			Some Like it Hot	Rock Climbing Adventures	Paradise Valley Residential Camp	Yellowstone Residential Camp	Natural History Filmaking	
9 to 11						Rock Climbing Adventures				

Livingston Courses

1 to 3			Bone Detectives							Amazing Animals
6 to 8							Paradise Valley Residential Camp	Yellowstone Residential Camp		

Big Sky Courses

Age 4-5		Home Sweet Habitat				Ponds, Pools & Puddles		Get the Bug		
1 to 3		Rock Jocks			Amazing Animals					
6 to 8							Paradise Valley Residential Camp	Yellowstone Residential Camp		

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P.O. Box 502
Bozeman, MT 59771

**New
Summer Camp
Location!**

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