

Free Classes!

The Outdoor Campus-West

South Dakota Department of
Game, Fish and Parks

School



Winter 2014– 2015

Our programs meet state and national education standards.

PRESCHOOL, ELEMENTARY, and HIGH SCHOOL

Mondays: No School Programs

Tuesdays: (see dates below) some are reserved for FAD

Regular school program dates (class groups of 6 to 25):

December 2, 3, 4, 5, 10, 11, 17, 18, 19

January 7, 8, 9, 14, 15, 20, 21, 22, 23, 28, 29, 30

February 4, 5, 11, 12, 13, 17, 18, 19

FAD “Free Adventure Day” (class groups of 40 to 80):

**December
9, 16,**

**January
6, 13, 27**

**February
3, 10, 24**

Larger schools may need to come two separate days. Smaller schools can combine close grade levels to fill the maximum number, or may be able to join another smaller school for the day. Students in four groups are rotated through 4 programs. To ensure quality programs:

Minimum limit: 40 students —no exceptions.

Maximum limit: 80 students—no exceptions.

A minimum 1 adult per 10 students is also required.

Please choose 2 outdoor skills programs and 2 environmental education skills from the brochure. Each student, chaperone and teacher must also bring a sack lunch.

Due to the popularity of this day, schools are allowed to participate once a school year.

Keys to Success:



When filling out the application, select 3-4 possible dates in case someone ahead of you has chosen your first date. If you are riding a bus, the application can be filled out for a maximum of two classrooms.

Initially you may apply for only one program and one time slot per classroom per school year. After the drawing, open slots will be filled on a first-come, first-served basis.

Group Size:

To provide quality programming, the maximum class size for most programs has been set at 25 students or less. **If you have more than 25 students please collaborate with another teacher to get a minimum of 40 students and apply for a FAD date (page 2).**

Cost:

There are no fees for these programs. Thank a hunter or angler for supporting these education programs.

Cancellations:

Please notify us of all cancellations or adjustments to number as soon as possible so we can plan accordingly.

Chaperones:

The role of the chaperones is to participate and assist with the supervision of students (please review our “Guidelines for Chaperones”). We request a 1 to 10 ratio for all field trips.

Application Procedures



Due to the popularity of our school field trips and limited staff, school field trips are chosen through a lottery. After the lottery, remaining program slots will be filled by submitting an application and receiving a confirmation. If your class is over 25 students, please apply with another teacher to make a minimum of 40 students for a FAD date as we cannot accommodate larger classes on regular program dates.

The application is included in the program brochure and will be available on-line and is required.

DEADLINE

The application period for the winter lottery ends on November 17
at 1:00 pm

School programs are **free**.

Thank a hunter or angler for supporting our education efforts!

There are several ways to apply
for a school field trip at
The Outdoor Campus-West:

Pick up an application at the Campus, or download the application from our website at www.outdoorcampus.org
Click "Rapid City", then "Teachers" on the right column.

Fill it out completely and return by one of the options below:

E-mail: nicomas.dollar@state.sd.us

Fax: (605) 394-1793

Mail or deliver in person to:

*School Programs, The Outdoor Campus-West
4130 Adventure Trail, Rapid City, SD 57702*

Application for School Programs

**Please send in your class roster/names of chaperones
& waivers (adults only) as soon as you are confirmed.**

Please fill-out completely.

Contact Person: _____

Work Phone: _____ Home Phone: _____

School: _____

Address: _____

City: _____ State: _____ Zip Code: _____

E-mail: _____

Number of Students: _____

Regular Dates (min. 6 - max. 25) _____ Grade: _____ Ages: _____ to _____

FAD Dates (min. 40 - max. 80) _____ Grade: _____ Ages: _____ to _____

Special Needs (Please indicate any students with mobility, disability, health, allergies, or other concerns): _____

Program Requested: Please choose only one program (Unless it is a FAD date — then choose 2 outdoor skills and 2 environmental education): **FAD:** Yes or No?

Preferred Dates and Times (choose 3-4 in order of preference):

	<u>Date</u>	<u>Arrival Time</u>	<u>Departure Time</u>
1 st choice	_____	_____	_____
2 nd choice	_____	_____	_____
3 rd choice	_____	_____	_____
4 th choice	_____	_____	_____

Sharing a bus with another teacher? _____
(name of other teacher)

Additional Comments/Questions: _____



Career Launch (ages 17-adult)

This is a “job shadow” program that provides hands-on experience for students who may have an interest in working in the areas of Outdoor Education, Law Enforcement, Fisheries, Wildlife or Habitat Management or related fields. Students will receive a certificate for each session after completing a post-session survey. Each session is limited to 10 students. Students will be sent a reminder 1 week in advance and must confirm at that time that they are coming or their name will be removed and replaced by someone on the waiting list.

How to apply:

Step 1: Turn in the **Career Launch Application** and **Liability Waiver** (available on our website under “teacher link”) to the School Programs Coordinator, Nicomas “Nico” Dollar at nicomas.dollar@state.sd.us or fax to her at (605) 394-1793.

Step 2: Confirm when you receive the reminder 1 week in advance.

Please dress for the outdoors and inclement weather: rain, wind, sun, etc....sunscreen, hat, glasses...

How to receive a certificate of completion:

Step 1: Sign in at the beginning of each session you attend and check your contact information to make sure it is correct (the contact address is where your certificate will be sent).

Step 2: Complete the on-line post-survey (you will be given a website at the end of each session).

If you have any questions or comments please contact: Nico Dollar at 394-2528 or nicomas.dollar@state.sd.us

Nicommas “Nico” Dollar
The Outdoor Campus-West,
South Dakota Game, Fish &
Parks, Phone: [605-394-2528](tel:605-394-2528)

Career Launch Fall –Winter Schedule & Application

Please arrive on time. All sessions begin promptly at 1:30 pm and may last up to 5:00 pm. It is very disruptive to have students arrive late and it is the sole discretion of the School Programs Coordinator whether or not a late student will receive a certificate of completion.

October 1 Session 1: Fish (past)

Did you know that SD GFP must test fish for metals, pesticides and PCBs? They help the Health Department list the most current fish consumption advisories for the State of South Dakota. Learn how they manage a system of fish hatcheries in order to give anglers a boost. You may get the chance to visit one of the hatcheries and see how we partner with nature and compliment natural fish production.

October 8 Session 2: Outdoor Education (past)

This is where you get to learn about one of the most enjoyable jobs in SD GFP. What could be more fun than teaching outdoor skills like archery, fishing, hunting, canoeing, and climbing to people of all ages?

There are still spots available!

November 19 Session 3: Habitat

Habitat is the physical environment where an animal lives and provides the necessities of life: food, water, cover and home range. Learn how our SD GFP Habitat staff affectively manages food, water, and shelter for our wildlife.

December 3 Session 4: Game

Learn how SD GFP manages wildlife populations for public use. You may also get a chance to try out some equipment used to find and track radio-collared game.

December 10 Session 5: Conservation Law

Find out what it takes to become a wildlife conservation officer (WCO), and share good conversation about why WCOs enjoy their jobs (boring and routine is not in the description). You may get some hands-on experience using techniques used to help determine the cause of death of animals.

Environmental Education (P-2)

The goals of the Outdoor Campus-West School Programs Pre K-2 are to introduce young children to the outdoors in a fun, active and non-threatening environment, and to enhance learning based on SD Early Learning Guidelines and SD K-2 education standards, and the mission and goals of SD Game, Fish & Parks. **Programs run 45-60 minutes.**

Chaperone requirement: Preschoolers age 3-4 plus adult partner; and Grades Kindergarten and up a ratio of 10:1 adult chaperone .

The Wonder of Seeds (P-2)

Fall and winter is a good time to gather seeds for next spring! Learn about seeds through hands-on experience, song and craft.



“W” is for Wolf (P-2)

Children learn about wolves and their behavior through story and a craft. Then meet “Kai” our live wolf ambassador!



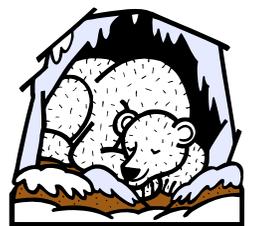
Tracks (P-2)

Hunt for turkeys and deer. Take a hike on the trail to find tracks and sign. Then make a tracks booklet to take home!



Animals in Winter (P-2)

We wear extra clothes in winter to stay warm; listen to a silly story about why animals should not wear clothes and then find out what happens to animals in the winter.



Junior Duck Stamp Program(K-2)

Students discover how Duck Stamps benefit wildlife, and the importance of waterfowl and Wetlands. Students learn how to begin drawing their very own Junior Duck Stamp entry!



GLOBE: Exploring the Season (1-2)

Students learn through story and observations outside during each season, and produce nature journals.



Environmental Education (3-12)

The goals of the Outdoor Campus-West School Programs grades 3-12 are to teach youth about South Dakota's natural environment and resources, and to enhance learning based on SD State Education Standards and the mission and goals of SD Game, Fish & Parks. **Programs run 1 hour.**

Owl Pellets Are Not Poo! (3-4)

Investigating owl pellets will help you learn more about the owl that made them. Find out interesting facts about owls, including what they eat.



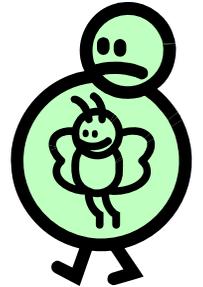
A Handful of Seeds (3-5)

Learn about life cycles and seasonality through the study of seeds. We will use seed saving as a way to learn a sense of place and good stewardship.



Who Eats Bugs! 3-5

Soon we may be hunting more than deer or turkeys. Find out why scientists say there are benefits to eating insects and who's eating bugs. Then try a delicious insect for yourself!



How Wolves Change Rivers (3-6)

Explore some biology and social characteristics of the wolf. What is a "trophic cascade" and how exactly do wolves change rivers? Meet our live wolf ambassador!



Ice is Nice! (3-6)

We will explore the North and South Poles, adaptation, seasons, and climate change through story, observation and a game.



Fish in Winter (3-6)

Ever wonder where fish go in the winter? Learn what the number one "limiting factor" is for fish survival by playing a game and graphing the results.



Beginning Botanist (3-12)

Learn some beginning botany skills that will help you to identify some common western South Dakota trees in the winter.



Junior Duck Stamp Program - 2 hours (3-12)

Begin drawing your very own Junior Duck Stamp entry while learning how Duck Stamps benefit wildlife, the importance of waterfowl and wetlands, and the effects of wetland loss and degradation on birds.



Who's That Navigator? - 1 hour (5-8)

Discover how it is that some birds, fish, and mammals are able to navigate over great distances.



Snow School - 1.5 hours (4-8)

Practice the scientific method by conducting an experiment in the snow! Investigate what kinds of socks keep our feet the driest in winter. (This program requires several inches of snow and another program will be substituted in the event of no snow).



Wild Vision - 1 hour (5-8)

Explore pigmentation, simple and compound eyes, stereoscopic vision, and ultraviolet light and the anatomy of the eye.



Nature's Calendar - 1 hour (5-12)

Find out how phenologists work and why close observation of our natural world is useful and important.



Adapt a Seed - 1 hour (6-8)

Understand how seeds are dispersed by creating their own seeds that can travel, and calculate the surface-to-weight ratio of a few different seed shapes to determine which shape is best for wind dispersal.



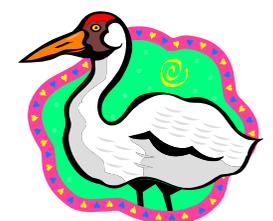
The Loneliest Animals - 1.5 hours (6-8)

Develop an understanding of diversity and adaptations of organisms by watching video segments and participating in a hands-on activity that simulates the gene-pool analysis of a population of black-footed ferrets.



Fragile Legacy: Endangered Species - 1 hour (6-8)

Create a journal while learning why some animals in South Dakota are now rare and how we can help safeguard these rare animals during our lifetime and as a legacy for future South Dakotans.



Outdoor Education (4-12)

Learn to Hunt - 1-1.5 hours (4-8)

Tells the story of three young hunters as they meet with experienced mentors and prepare to hunt ducks, deer, and wild turkeys. Students will learn the basics of safety and hunting strategies.



Reading the Landscape 1-1.5 hours (4-12)

What would a geologist or ecologist see here? Become a better observer and interpreter as you tell the story of the land. Learn to weave the clues of the landscape into coherent stories.



Outdoor Skills Options (3-12)

Let's Go Ice Fishing - 1 hour (3-8)

Students learn about this popular winter sport including: ice-fishing gear, bait, fish species types of shelter, proper clothing, and safety precautions. (No actual ice fishing is involved as our ponds do not provide the proper conditions).



Let's Go Snowshoeing - 1 hour (3-8)

Students discover snowshoeing through a brief history, proper clothing and safety precautions and practice some basic techniques on a snowshoeing hike with a naturalist on campus. (This program requires several inches of snow and another program will be substituted in the event of no snow).



Archery Basics - 1 hour (3-12)

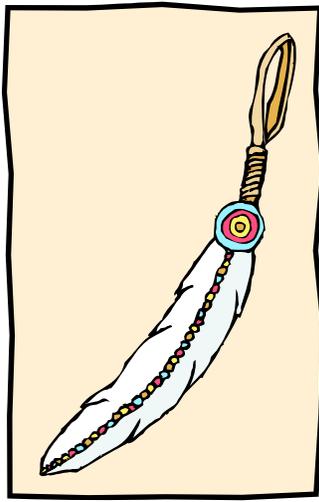
We will learn about safety and archery equipment, then practice our skills using Genesis Bows to shoot at 3D targets.



Outdoor Cooking 101 2-2.5 hours (6-12)

Lewis and Clark's journals describe sumptuous meals of roast buffalo hump, sourdough bread, pies and bread pudding with wild fruits and nuts. Like pioneers, we can use the same methods to cook meals for our hunters' camps. Students will learn the art of Dutch Oven cooking. (Maximum 16 students)





Curriculum Through Native Eyes

Several programs can address science concepts from within Native American culture. Please write “Native Eyes” on the bottom of your application if you would like this option. Research shows that if Indigenous themes and topics relevant to Indigenous peoples are openly discussed within a classroom setting that this allows Indigenous students (and others) to feel more confident and comfortable within the classroom setting. This encourages students to engage with other students and instructors and classroom exchanges are more fruitful. Programs that incorporate Native Eyes are:

Beginning Botanist
Outdoor Cooking
Fragile Legacy: Endangered Species

A Teacher Resource:

"Critter Crates"



We have crates of teaching materials that you can borrow for up to two weeks with a security deposit of \$75. We are not able to take credit cards. When the crate is returned and after a satisfactory inventory of its contents, your check will be shredded or returned. These are the crates that we lend:

Elk Trunk

Bat Crate

Critter Crate

Swift Fox Box

Cougar Crate

Fishing Kit

To reserve these crates contact staff at (605) 394-2310 or TOCWest@state.sd.us

On Your Own Visits:

School or preschool groups may visit The Outdoor Campus-West on their own. This option is popular with groups who are not able to schedule a field trip led by staff.

The following guidelines will help make your trip successful:

1. **You must call and schedule your group in advance.** This prevents conflict with other groups and Outdoor Campus programs.
2. Plan 1 to 2 hours to visit the campus facility and grounds.
3. You may pickup scavenger hunt worksheets at the front table as you enter the building. These hunts provide a more in-depth exploration of the inside exhibits.
4. Dress for the weather and plan time to explore the grounds and "natural playground" outside.



Contact Information

School Programs
The Outdoor Campus-West
4130 Adventure Trail
Rapid City, SD 57702
(605) 394-2528

Email: nicomas.dollar@state.sd.us
or tocwest@state.sd.us

Website: www.outdoorcampus.org

Facebook: [outdoorcampuswest](https://www.facebook.com/outdoorcampuswest)

Twitter: [outdrcampuswest](https://twitter.com/outdrcampuswest)

