



YELLOWSTONE FOREVER

DIGITAL WORKFLOW AND PHOTOGRAPHY: #180207

Start: February 27 at 5 p.m.

End: March 4 at 4 p.m.

Location: Lamar Buffalo Ranch

Welcome to Yellowstone National Park. If you are a newcomer to the Yellowstone Forever Institute, you will be amazed at what awaits you during each day of exploration. If you are a veteran of our programs, you will know the many perspectives from which learning can take place in this diverse place. We are glad that you are able to join us. Our goal is to provide you with an enjoyable, high-quality educational experience and a safe and memorable visit to Yellowstone.

The following information is provided to help you prepare for your course. Please read it thoroughly and call us at 406.848.2400 or email contact@yellowstone.org if you have any questions. We recommend all first time visitors seek general park information through the National Park Service at 307.344.2107 or www.nps.gov/yell.

Winter Travel

The only road open to wheeled vehicles in the winter (early November to mid-April) is the road from the North Entrance to the Northeast Entrance. All other roads are closed to wheeled vehicles. Because Cooke Pass is closed to wheeled vehicles, it is not possible to enter or exit Yellowstone National Park through the Northeast Entrance. You must enter the park through Gardiner, Montana. Current road conditions are available through the NPS Road Report at 307.344.2117.

Important Information Included in this Document:

- From the Instructor with Program Itinerary
- What's Included
- How to Prepare for this Program
- Suggested Reading
- Yellowstone Forever Park Store Information
- Yellowstone Forever Supporter Information
- Code of Ethics
- Cancellation Policy
- Travel Information
- Supplemental Lodging Information

From the Instructor

Greetings! Welcome to the Yellowstone Forever Institute and the spectacular snowscapes and wildlife photo opportunities that abound in winter. Our five-day intensive workshop is designed to equip you with the tools to capture, manage, process, and share your digital images efficiently and successfully. Winter transforms Yellowstone into new and constantly changing landscapes due to fluctuating temperatures, snow cover, and

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varied light. We will travel across the northern tier of Yellowstone, from the Northeast Entrance to Mammoth Hot Springs, with a special focus on the wildlife-rich Lamar Valley, known as America's Serengeti. In the field, we will explore the endless wonders of winter in Yellowstone while we focus on creating dynamic, clean compositions that create the illusion of three dimensions. We will also discuss wildlife behavior, ecology, and natural history as an integral part of being a nature photographer. Being informed and acquainted with your subject generally translates into better photographs as well as enhanced keywording and captioning abilities.

Back in the classroom, we will put into practice a successful workflow in Adobe Lightroom. Learn how a consistent workflow will allow you to quickly and confidently work, manage, optimize, and share your images. Utilizing Adobe Lightroom, we will learn how to quickly process files and have them look fantastic. We will put metadata, keywording, and custom templates to work. Find any image in a flash and have fun with digital! You will soon become an expert in keeping every image you shoot organized and safe. By the end of the class, you will have a beautiful collection of winter Yellowstone images and a customizable workflow chart to take home with you along with the skills to leverage the power of Lightroom.

Please Come Prepared! A working knowledge of your computer is required to attend this "hands-on" workshop. As there is not time to teach you computer basics, computer literacy is expected from all participants. Navigating your computer, opening applications, creating and renaming folders, and saving to specific destinations are essential computer skills. If any of this sounds scary to you, please get up to speed before you come to the workshop. A required equipment list for this program can be found in the equipment section of this document.

Note: Please contact me if you have any questions regarding necessary equipment. If you have any questions concerning your equipment or software or if you are contemplating making a purchase, please do not hesitate to email me with any questions or concerns or if you would like additional information.

See you in Lamar,

Cindy Goeddel

cindy@goeddelphotography.com

Program Itinerary

Day 1

We will meet at 5 p.m. at Lamar Buffalo Ranch. After orientation and introductions, I will present a digital lecture and slideshow which will focus on techniques for creating clean, dynamic compositions while obtaining the very best digital negative. After a dinner break, we will check our camera settings and be ready to head into the field at first light.

Days 2-6

The following days will be divided between the field and classroom, as determined by light, weather, and wildlife activity. Most days will have us out in the field during the best light and in the digital Lightroom mid-

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day and after dinner. Be prepared for days that begin just before sun-up and do not end until 8 p.m. On our final afternoon, we will share and review a few of our favorite images in a digital slideshow that we will create in Lightroom. For our field portions of the class, prepare for short snowshoe hikes; a backpack that will hold your photography equipment and winter gear is a necessity. We will often find that photographic opportunities keep us in the field much longer than anticipated, so plan on having snacks, water, hand warmers, and extra layers of clothing with you at all times.

What's Included

Your tuition includes daily outings and transportation during your program. It does not include transportation to the park, park entrance fees, meals, or lodging. Gratuities are not included in the price of programming. If you would like to recognize exceptional service by a Yellowstone Forever Institute staff member, tips are appreciated. Donations to support Yellowstone Forever educational programs are also appropriate and will be used to improve and expand opportunities for people to make deep connections to Yellowstone.

Continuing Education Credit

Many of our Field Seminars are recognized by universities across the country. We are happy to provide a letter of completion and supporting documentation that you can submit to the institution of your choice to request approval for university credit or CEUs.

Lodging Option

Yellowstone Forever Institute students in Field Seminars based out of Lamar Valley have the opportunity to stay in our comfortable lodging at the historic Lamar Buffalo Ranch for an additional charge. Each log cabin has three single beds, chairs, propane heaters, and reading lamps. The ranch has a bathhouse with private showers and a common building with a fully equipped kitchen where you can prepare your own meals. For more information please see the last page of this document. Feel free to call our contact center at 406.848.2400 to make your reservations today.

How to Prepare for this Program:

How Fit Do You Need to Be?

This course is an activity level 2 and students enrolled in this course are expected to be active participants. This course will include hikes up to 3 miles per day with elevation gains up to 600 feet with some off-trail hiking possible. Snowshoes are available for course participants to borrow while staying at the ranch. We recommend you begin an exercise program right away if you have not already done so. Participants residing at lower elevations may want to arrive a day early to adjust to the altitude. To learn more about how specific medical conditions can be affected by Yellowstone's environment and our activities, please visit Yellowstone.org/experience/health-information/

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General Clothing and Equipment List

Much of your time will be spent outdoors and all programs are held rain, snow, or shine. You should be prepared for a variety of mountain weather conditions and temperatures. Appropriate clothing, equipment, and footwear are very important. Winter temperatures can range from below zero in the mornings to 35 degrees Fahrenheit in the early afternoons. The layered use of garments for protection against the wind, sun, and temperature extremes should guide your clothing choices. Loose fitting layers allow you to maintain a comfortable and dry body as outside temperatures change and as your own body's temperature and moisture output changes with different levels of exertion.

Equipment:

Yellowstone Forever field staff assigned to your program will be carrying a first aid kit, bear spray, and emergency communication device.

- ☐ **Daypack**, with enough capacity to carry extra clothes, water, lunch, camera, binoculars, field guides, etc.
- ☐ **Water bottle**, one-quart is the minimum recommended. Camelback or similar hydration systems work well in summer but can freeze in winter.
- ☐ **Sunglasses**
- ☐ **Sunscreen/lip protector**, sun at high altitude can burn unprotected skin quickly.
- ☐ **Camera, binoculars**
- ☐ **Notebook/pencil**
- ☐ **Pocket hand and foot warmers**, recommended November through May.
- ☐ **Flashlight/Headlamp**, a small light for walking to and from your cabin in the evenings and mornings.
- ☐ **Alarm**, so you're on time for the day's activities.

Clothing:

- ☐ **Insulating underwear**, capilene, polypropylene, or similar wicking fabric.
- ☐ **Mid-weight insulating layer**, light, 200-weight synthetic fleece or wool shirt/pullover.
- ☐ **Heavyweight insulating layer**, can be wool, down, heavy-weight fleece, or other synthetic fabric. In the winter, a heavy winter coat with a water resistant shell will suffice for less active courses.
- ☐ **Waterproof and windproof outer layer**, lightweight and breathable. Both jackets and pants are recommended.
- ☐ **Short sleeved shirt**, cotton is okay in summer, but synthetic wicking shirts are ideal.
- ☐ **Pants**, in the summer, synthetic hiking pants, lightweight pile/fleece pants, tights, or similar. In the winter, wool or fleece pants or tights. Jeans are not recommended.
- ☐ **Hats**, both a brimmed sun hat and an insulating hat that covers your ears for cold weather.
- ☐ **Gloves**, lightweight glove liners and a pair of wool/fleece gloves or mittens. A water and windproof outer layer is recommended.
- ☐ **Socks**, light wool or synthetic liner sock with heavier wool or synthetic outer sock.

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- ☐ **Insulated boots, winter,** must have water repellent layers outside, thick insulation inside, and be large enough to fit over thick socks. Tight boots are the surest way to get painfully cold feet. Soles with proper traction or traction devices (i.e. Yaktrax) are essential for icy conditions. General hiking boots will not provide adequate insulation or traction in most cases.
- ☐ **Off-duty shoes,** sandals, athletic shoes, or other leisure footwear.

Required Equipment Specific for this Program: (Yes required, not optional)

ADOBE LIGHTROOM – EQUIPMENT CHECKLIST

Please Come Prepared. A working knowledge of your computer is ESSENTIAL for this ‘hands-on’ workshop. There will be no time to teach computer basics – an ability to navigate your computer, open applications, create folders, re-name folders and save files to specific destinations is required. If any of this sounds difficult, please take a little time to get up to speed before you attend.

Mac computers are preferred, but PCs are fine, however, I cannot provide full technical support for PCs.

Please do not hesitate to contact me if you have any questions about your equipment or software, or any aspect of the workshop. In particular, I suggest you contact me if you are contemplating buying new equipment for the workshop.

Equipment List

- ☐ Laptop Computer with at least 4GB of RAM and 50% of the hard drive available.
- ☐ Adobe Lightroom® – latest release.
- ☐ Adobe Photoshop & Bridge® CS5, CS6 or Creative Cloud.
- ☐ **2 EMPTY** External Hard Drive (500GB to 2 TB).* / ** Fast – Firewire or USB 3.
- ☐ **1 additional EMPTY** External Hard Drive. ***
- ☐ All necessary power cords.
- ☐ Note-taking materials.
- ☐ Mouse if you are used to working with one.
- ☐ Memory Card Reader.

- * Used to hold your Lightroom Library, catalog and all image files – **MUST be EMPTY.**
- ** Used as a Library Backup Drive – **MUST be EMPTY.**
- *** Used as a Temporary holding drive – can be old, slow or cranky!

- * / ** Both need to be able to be plugged into laptop at same time.

IMPORTANT: Please **LAUNCH & CHECK** that your Adobe Photoshop, Bridge, and Lightroom software are completely up-to-date and are working properly – **IF NOT**, you **MUST** update the software before you come to class. To check for updates: Launch the program – ‘Help’ menu – select ‘Check for updates’.

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PHOTOGRAPHIC EQUIPMENT CHECKLIST

I recognize that not everyone will have all the equipment listed below, nor is it all necessary unless you wish to cover every eventuality – many do not! All tours are flexible and will be designed to meet your particular interests.

If your main interest is wildlife or bird photography, not having a 500mm lens will be a severe handicap. ‘Vibration Reduction’ (Nikon-VR) or ‘Image Stabilized’ (Canon-IS) lenses are required, and are available to rent. If you decide to rent, please let me know and I will discuss the options with you.

If you have any questions about equipment, and particularly if you are thinking of buying equipment for the trip, please contact me so that we can discuss what might be the most appropriate.

Photographic Equipment

- ☐ Camera Body and **its Manual**. If you own a second camera body, bring it.
- ☐ Lenses in the range 24mm-200mm.
- ☐ Telephoto lens in the range 300mm-600mm.
- ☐ **STURDY** tripod with a head that is quick and comfortable to maneuver. *
- ☐ Quick release plates for each camera body and each lens that has a tripod foot.
- ☐ Additional quick release plates if you intend to rent lenses. *
- ☐ Plenty of batteries and the relevant chargers.
- ☐ Polarizing filters for all lenses in the 24mm-200mm range
- ☐ Appropriate memory cards for your camera. You will need more than you may imagine!
- ☐ Waterproof or plastic bags big enough to protect your camera and longest lens. **
- ☐ Binoculars.
- ☐ Sunglasses.
- ☐ Laptop or other electronic storage device. ***
- ☐ Memory card reader.
- ☐ Water bottle and small thermos flask.
- ☐ Sunscreen and Chapstick.
- ☐ Camera Bag or Backpack with space for photo equipment, warm layer, snacks etc.
- ☐ Hoodman Loupe for reviewing images in the field. (Optional)

* If renting a 500mm lens, you will need to consider the robustness of your tripod and head. These are large and heavy lenses and require strong support.

** In winter, to prevent condensation, you will need plastic bags for **ALL** lenses and camera bodies.

*** If you plan to take the optional Lightroom workshop, please see additional Checklist.

Park Stores

Our Park Stores features more than 900 books, maps, and videos to help you plan your visit, along with a wide selection of shirts, hats, and other logo items to remind you of your visit to Yellowstone. Yellowstone

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Forever supporters receive a 15 percent discount on merchandise online or at any of our 11 locations in and around Yellowstone. Proceeds directly support Yellowstone. Visit: Shop.Yellowstone.org

Supporter Program

Yellowstone Forever's supporter program includes more than 50,000 people worldwide who have made a commitment to preserving and enhancing Yellowstone National Park. Supporter contributions generously fund educational programs and priority park projects such as wildlife research, visitor safety, and trail restoration. With an annual donation of \$35 or more, supporters receive valuable premiums including a subscription to our educational magazine *Yellowstone Quarterly*, early registration and discounts for Yellowstone Forever Institute programs, and discounts on retail purchases throughout Yellowstone (exclusions apply). If you are not yet a Yellowstone Forever supporter, please visit Yellowstone.org/donate to learn more or to sign up.

Code of Ethics

The Yellowstone Forever Institute is committed to demonstrating a high standard of appropriate and ethical behavior in Yellowstone. As a participant in a Yellowstone Forever Institute program, we ask you to adhere to the following Code of Ethics. In addition to the ethics highlighted below, the Yellowstone Forever Institute abides by all National Park Service rules and regulations. We also practice Leave No Trace guidelines for traveling responsibly in the wilderness.

Observing wildlife: We will do our best to have as little impact on wildlife as possible. Animals will be observed from a distance, using high-powered spotting scopes to help keep our presence from affecting their behavior. Participants should not expect to get close-up photographs of wildlife. The Yellowstone Forever Institute will adhere to National Park Service regulations by keeping a minimum distance of 25 yards from bison, elk, bighorn sheep, deer, moose, coyotes and nesting birds and 100 yards from bears and wolves. We will not entice wildlife with food, animal calls or any actions that change their behavior.

Leave what you find: It is illegal to remove natural or cultural artifacts (plants, animals, bones, rocks, etc.) from Yellowstone. Yellowstone Forever Institute instructors have permission from the National Park Service to manipulate plants, rocks, bones, etc. for educational purposes and will return them to their natural positions and locations.

General etiquette: Yellowstone Forever Institute groups will be considerate of other visitors and respect the quality of their experience. Voices and vehicle sounds carry great distances and affect both wildlife and people—remaining silent or very quiet while watching wildlife lets the sounds of Yellowstone (including wolf howls) prevail.

Roads and vehicles: Expect wildlife on the road, and drive at or below the posted park speed limits. When stopping to observe wildlife or other park features, the Yellowstone Forever Institute will move vehicles entirely off the road. If there is no safe pullout available, we will drive to the next safe place

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and walk back to observe the wildlife. We will not stop in the middle of the road, and should a traffic jam develop as a result of our activities, we will cease the activity.

Properly dispose of waste: We will pack out all trash, leftover food and litter. Your instructor will discuss techniques for properly disposing of human waste in the field.

Traveling lightly: When hiking or walking in Yellowstone, we will use existing trails and boardwalks. We will follow appropriate techniques when walking off-trail. Walking around muddy or wet places in the trail increases erosion and negatively affects the resource; proper equipment is essential to hiking ethically. Participants should come adequately prepared with the equipment listed for their course and should expect to walk through mud, snow or puddles in the trail.

Thank you for helping us set a good example in Yellowstone!

Cancellation and Refund Policy

If you cancel within seven calendar days of your registration date, your payment is refundable less a \$50 per person per course processing fee. On the eighth calendar day from the date of registration, 100% of registration payments will be forfeited. We reserve the right to cancel a course up to 30 days before the first class day. If we cancel, you will receive a full refund of your payment. We regret that the Yellowstone Forever Institute cannot make exceptions to the refund policy for any reason, including but not limited to illness, travel delays, emergencies, or weather. We urge you to take out accident, baggage, and trip cancellation insurance through a travel agent or website such as www.TravelGuard.com. Travel insurance can help protect you against financial loss if you must cancel or interrupt your trip.

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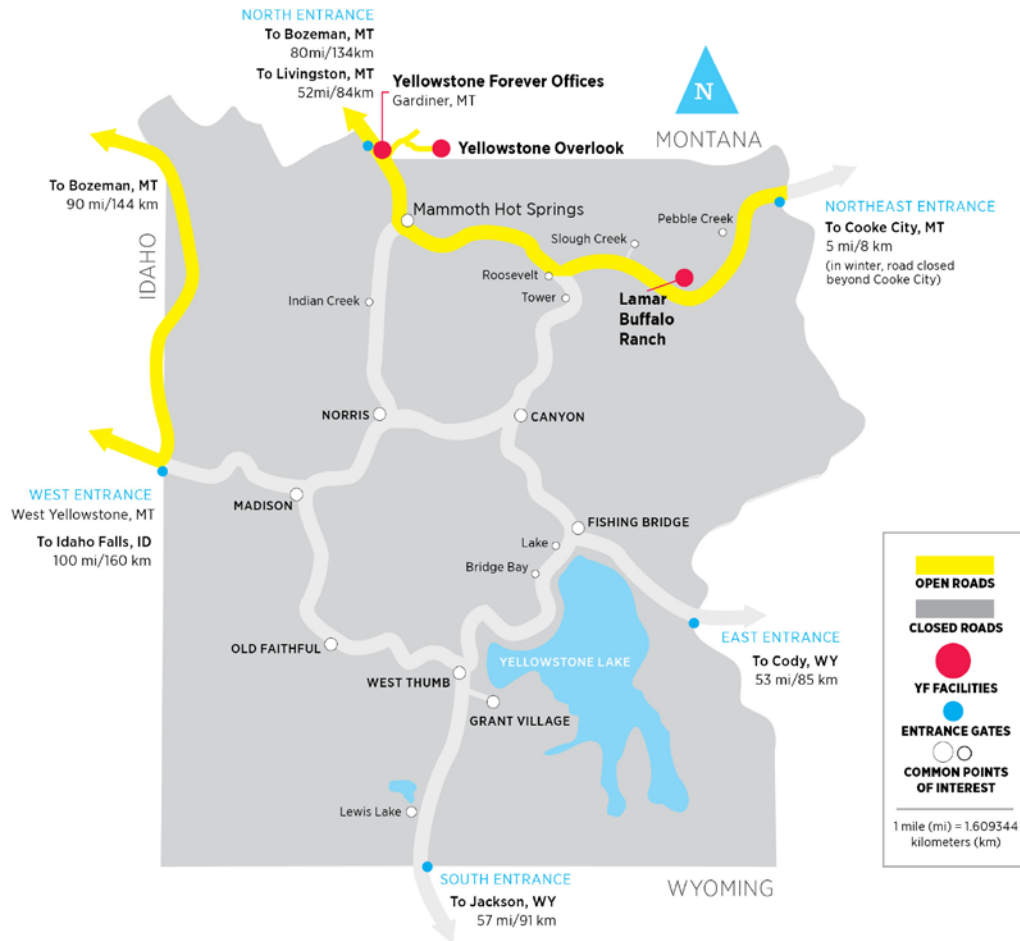
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Yellowstone Winter Map **YELLOWSTONE FOREVER**



The only road open to wheeled vehicles in the winter (early November to mid-April) is the road from the North Entrance to the Northeast Entrance. Because Cooke Pass is closed to wheeled vehicles, it is not possible to enter or exit Yellowstone National Park through the Northeast Entrance. You must enter the park through Gardiner, Montana. Current road conditions are available through the [NPS Road Report at 307.344.2117](http://www.nps.gov/roadreport).



POINT TO POINT DISTANCE		Miles/Kilometers
North Entrance to Mammoth Hot Springs	5 mi/8 km	
Roosevelt to Northeast Entrance	29 mi/47 km	
Roosevelt to Lamar Buffalo Ranch	11 mi/17km	
Roosevelt to Mammoth Hot Springs	18 mi/29 km	

ELEVATIONS		feet/meters
North Entrance	5314/1620	
West Entrance	6667/2032	
South Entrance	6886/2099	
East Entrance	6951/2119	
Mammoth Hot Springs	6239/1902	
Old Faithful	7365/2254	
Grant Village	7733/2357	
Lake	7784/2373	
Canyon	7734/2357	
Roosevelt	6270/1911	

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LAMAR BUFFALO RANCH INFORMATION

If you need to be reached during your class, the number at the ranch is 307.344.7749.

Directions

Proceed to “Roosevelt” on the map; road signs say Tower Junction, on the northeast side of the Grand Loop Road. Signs at Tower Junction —“Yellowstone Inst 11” — direct you to turn onto the Northeast Entrance Road (opposite the Roosevelt Lodge) heading towards Cooke City. From Mammoth, it’s a left turn; from Canyon, it’s a right turn. The campus is located approximately 11 miles from the intersection, can be seen from the Lamar Valley road sign as you enter the valley and is the first and only group of buildings on that road. If driving from the Northeast Entrance, the campus is approximately 18 miles from that entrance.

What to bring

Shared cabins have three single beds, chairs, propane heaters and reading lamps. Bring a sleeping bag, pillow, extra blankets if you like, a flashlight for getting around at night and a non-electric alarm clock (cabins do not have outlets). Stoves, lanterns and candles cannot be used in or around the cabins, and smoking and food are not permitted in the cabins. The heated bathhouse is nearby and has hand soap and paper towels. You need to bring towels and toiletries.

Meals should be kept simple since participants will prepare their own meals in a shared cooking facility. The kitchen has gas stoves, a microwave, toaster, plates, silverware, pots and pans and spices, as well as coffee, tea, sugar and creamer. Please bring only what you will need during your stay as space in the kitchen and refrigerators is limited. There is no cell phone reception in the Lamar Valley and there is no Internet service. Please bring a calling card to use with the common phone.

What not to bring

The historic ranch runs on limited solar power with backup generators. For this reason, please do not bring electrical appliances such as radios, hair dryers and crock pots as these items overload the system and can cause black-outs. Camping and pets (with the exception of service animals) are not allowed.

When you arrive

Check-in is anytime between 4 and 8 p.m. the day of your arrival. We strongly encourage you to arrive before dark. Come to the bunkhouse (the building with the Yellowstone Forever Institute sign on it). During normal check-in hours, a staff member will greet and orient you to the ranch. If you must arrive after 8 p.m., please call us at 307.344.7749 so we know when to expect you. If no one is there to greet you, please find your cabin assignment and the code to the bathhouse on the bulletin board in the kitchen — located at the back of the building — and we'll be happy to greet you the following morning. Check-out is by 9 a.m. the day of your departure.

During your stay

Yellowstone Forever Institute programs and facilities benefit from the hard work and generosity of a team of seasonal volunteer program assistants. You'll likely meet one or more of our program assistants hosting your

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program. Our program assistants receive professional training in Wilderness First Aid, emergency response and procedures and bus driving. They help with course logistics, cleaning and maintenance of facilities and anything you need during your time with us. The bunkhouse is open at all times and is the center of activity, housing classrooms, the kitchen and bathrooms. Make yourself at home in the bunkhouse; meet new people; enjoy a midnight snack; relax with classmates and enjoy your experience. The kitchen is a community area where everyone does their own cooking and cleans up after themselves. In the winter, the first classroom is used as a mudroom where coats and boots can be left by the door. Be sure to bring a pair of slippers or moccasins to wear in the bunkhouse.

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