

NatureBridge is a proud partner of the National Park Service



STAY CONNECTED

WITH NATURFBRIDGF

FAMILY LEARNING ADVENTURE

Connect with your family and nature while exploring Olympic National Park! All programs include lodging, meals, and a unique theme with educator-led activities.

TEACHER PROFESSIONAL DEVELOPMENT

Teachers explore Olympic National Park and return to their classrooms with new, engaging techniques for connecting their students to science.

NATUREBRIDGE SUMMER BACKPACKING

A two week backpacking program for high school students. Participants will gain wilderness experience, build leadership skills, and conduct their very own environmental science research project while on trail.

CONFERENCE & RETREAT CENTER

Hold your wedding, retreat or meeting on the shores of Lake Crescent! We have several rooms to choose from and can host groups of 10-100.

naturebridge.org/olympic

FOLLOW US ON SOCIAL MEDIA

Stay up to date on the latest news and events.



NatureBridge

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Field guide images by the following:

- John Muir Laws, copyright 2012, johnmuirlaws.com
 - Joseph Kinyon
- NatureBridge staff, including Ingrid Apter, Rachel Loud, Anjanette Garcia, and Estrella Risinger

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NAME

SCHOOL

DATE



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Founded in 1971, NatureBridge provides environmental field science education for students in the world's best classrooms—our national parks. Through residential education programs, NatureBridge connects students to the wonder and science of nature and inspires the stewards of tomorrow.

As the largest residential education partner of the National Park Service, NatureBridge serves more than 30,000 students each year and offers programs in six national parks: Yosemite National Park, Golden Gate National Recreation Area, Olympic National Park, Santa Monica Mountains National Recreation Area, Channel Islands National Park, and Prince William Forest Park. NatureBridge also offers professional development opportunities for teachers and family and youth programs.

WELCOME TO OUR CLASSROOM!

NatureBridge environmental science programs in Olympic National Park take place on the shores of glacially carved Lake Crescent. Ancient forests, alpine terrain, coastal marine habitats, and the largest river restoration in U.S. history make Olympic National Park a quintessential living laboratory. Before becoming a national park in 1938, the area was home to multiple Native American tribes, some of whom still live in the area. Today, Olympic National Park counts among its almost 1 million acres North America's best remaining example of temperate rainforest as well as marine and alpine ecosystems.

WHAT IS A FIELD JOURNAL?

A field journal is any kind of notebook used to write or draw your observations of the natural world—the field. This field journal is for you to use during your stay with NatureBridge. It's one way to save your memories. All kinds of people, including scientists and artists, use field journals to learn more about nature. When you return home, you can create your own and use it to help you get to know the outdoors better in your own community.

(and

MY EDUCATOR

MY CHAPERONE(S)

BE PREPARED

BACKPACK CHECKLIST

Have the following items with you every morning:

	Backpac	k with	room	for	lunch
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□ Water bottle filled with water

Rain gear and warm clothes

Sun protection, including sunscreen and hat

Field journal along with pen or pencil

Bandana (crumb catcher)

Medication (including inhalers and EpiPens)

Empty bladder (go to the bathroom)

Positive Mental Attitude



DAILY SCHEDULE

7-8:30 a.m.	Good morning & breakfast
9 a.m.	Meet your educator
Noon	Lunch with your field group
4 p.m.	Free time
5/6 p.m.	Dinner
7-8:30 p.m.	Evening program
9:30 p.m.	Quiet hours

LEAVE NO TRACE SEVEN PRINCIPLES

An excellent motto for minimizing your impact is **"Take only pictures, leave only footprints."** Below are the Leave No Trace Seven Principles, which can be found in greater detail at Int.org

Plan ahead and prepare Wear and pack appropriate gear and know the area you are traveling in.

Travel and camp on durable surfaces Protect wild animals and plants by staying on the trail and camping in designated areas.

Dispose of waste properly Pack out everything you bring and help take out any trash you find.

Leave what you find Allow others to enjoy the same rocks, twigs, feathers, and artifacts you discovered.

Minimize campfire impacts Use established fire rings and know the restrictions for collecting wood.

Observe wildlife from a distance and never allow wild animals to access your food.

Respect wildlife

Be considerate of other visitors Respect other visitors and protect the quality of their experience.











WHERE AM I NOW?





GROUP AGREEMENT

Field Guide: PLANTS



Field Guide: **BIRDS**



MICROSCOPE LAB

Describe and sketch what you see in the microscope:



Remember to label your sketches so that someone else can determine exactly what you saw.



SKINS & SKULLS

List Observations

Herbivore Omnivore Carnivore
Sketch
SUBJECT:
Sagittal Crest
Parietal
Jugal
Occipital
Cherry Ch
Auditory Bulba
Coronoid Process
Angle of Jaw
Mandible .

SCIENCE WORKSHEET

Observations: (What did you notice?)

My group question is: (What do you want to find out? What do you wonder?)

Examples: Is there a difference in (measurement) between (Location 1) and (Location 2)? Does _____ affect (measurement)? How much/many (variable) is at (location 1) and (location 2)?

Forming a Hypothesis

Here's what I know:

Here's what I think is going to happen and why:

INVESTIGATION TIME

The name of my tool is:

It can be used to measure:

My changed, manipulated or independent variable (the thing I changed on purpose) is:

Location A: _____ Location B: ____

My measured, responding or dependent variable (the thing I am measuring) is:

My controlled variables (the things that might change but I don't want to change) are:

Here is how I am going to answer my question—list procedure:

RESULTS

CREEK SURVEY



(Not to scale)

MY NOTES & SKETCHES

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