Field Trip Options
State Content Standards for all grades and programs are reinforced. We strive to take students beyond the standards, knowing that life far exceeds the reach of these important benchmarks. Educators have the option of choosing a variety of Exploration Classes or designing their own Park experience through Independent Exploration. Download a Field Trip Planning Guide at www.turtlebay.org/school-field-trips.

Independent Exploration
Explore the galleries and grounds, Museum, Paul Bunyan’s Forest Camp, the Gardens and Sundial Bridge in small, chaperone-led groups. Engage your students with the many animals in our live animal collection. Explore all the connections to the natural environment by visiting our botanical gardens. Discover the people who have called - and still call - this region their home. Visit our two changing exhibit galleries to see traveling rotating exhibitions.

Exploration Classes
Wednesdays and Thursdays, 9 am – noon (unless otherwise noted)
Exploration Classes offer interactive, informational and experiential opportunities that are designed to inspire your students. All programs are 60 minutes long and your group may stay and enjoy the rest of the Park before or after your class. A minimum of 10 students is required for an Exploration Class.

Animals! Animals! Animals!
September 28, 2018 – February 15, 2019
Fridays, 10 am & 11 am
Grades: K-12
Is it a predator or is it prey? Get an up-close and personal look at the animals of Turtle Bay with this staff-led program. Classes will be tailored to each grade level.

Light & Sound
Grades: K-1
Students will conduct experiments to discover the behavior, and effects of light and sound waves. Experiments will focus on different types of energy and how energy affects our daily lives.

Matter Matters
Grades: K-2
Discover the many qualities of matter in this exciting and hands-on program. Students will use the scientific method to investigate the states of matter and they will conduct experiments to build on their understanding of why matter really matters.

Nature Explorers Backpacks
August 29, 2018 – June 7, 2018
Grades: K-6
Ask for this option when you schedule your field trip. Preschool-age backpacks are also available! With a variety of exciting tools and activities, discover the nature around Turtle Bay’s campus using the Nature Explorers Backpacks. Teachers will be sent standards-based lessons that provide everything to create an exciting, interactive tour tailored to their students’ needs.

Materials include: 20 backpacks each containing binoculars, bird identification book, thermometer/compass, window weather frame, journal, magnifying glass, bug jar, eye scope
Fee: $10 per 20 backpacks

Life Cycles
Grades: K-2
Metamorphosis and more! Use this class as a springboard to start your life cycle unit or as reinforcement at the end.

Exploring the Forest
Grades: K-3
Uncover a world of forest wildlife that sometimes goes unseen and discover the relationships between producers, consumers, and decomposers in the forest.

Wintu Ways
Grades: 2-6
Did you know that Turtle Bay sits on what was once Wintu territory? Sit in the replica Wintu bark house and discover how the Wintu used to use natural materials for shelter, food and tools and learn how they continue to use these materials for baskets, regalia and more, today.

Aqua Ecology
Grades: 2-6
Students will conduct a simulated bio-assessment of a stream by sampling aquatic macroinvertebrates. By learning the process by which macroinvertebrates are assessed, results are recorded and pollution tolerance indexes are determined.
Earth Rocks!
Grades: 3-4
Students will engage in activities designed to help them understand the characteristics of the three main rock types and the rock cycle. Students will have the opportunity to discover the natural history of Redding and experience a variety of Earth’s processes.

Exploring Nanoscience
Grades: 3-6
Students will learn the “Ins and Outs” of Nanoscale Science, scientific research that happens at the scale of atoms and molecules. They will investigate how nano can already be involved in our everyday lives through various hands-on activities.

Forest Ecology
Grades: 4-6
Using hands-on activities, students will learn about forest biology, the flow of energy, and the cycling of matter throughout the ecosystem.

Planetary Process
Grades: 5-6
Volcanoes and earthquakes are the movers and shakers of this class as students explore different processes that shape and mold the earth. Students will participate in hands on experiments and activities as well as observe examples of some of these ongoing processes.

REU’s Energy Experience at Turtle Bay “It’s My Planet”
Grades: 3-5
September 7, 2018 – April 26, 2019
Fridays, 9 am – noon (90 minute program)
FREE to schools in the Greater Redding area!
$5 student fee and transportation fee underwritten by REU for the following areas:
• All schools 3rd – 5th grade within the Redding City limits
• Schools North to Mountain Gate
• Schools East to Shingletown
• Schools West to Old Shasta
• Schools South to Cottonwood

Redding Electric Utility offers an “electrifying” education program on energy conservation and electrical safety presented by REU staff. Some of the areas covered are electrical safety, energy conservation and saving tips, renewable energy, and an exciting demonstration of the power of electricity performed by experienced REU linemen. After your electrifying REU program stay and explore all of Turtle Bay.

3rd Grade Museum Art Gallery Experience (MAGE)
January 30 – March 14, 2019
Wednesdays & Thursdays, 9 am – noon
FREE for Shasta County 3rd grade students!
Students will enjoy a docent-led tour of the West Coast Biennial exhibition followed by a hands-on art project designed to foster creativity. The tour and art project are aligned with 3rd Grade Visual Arts Content Standards. Generously sponsored by Jack and Kristen Schreder
Exhibitions

All exhibitions and dates are subject to change, please call to verify 530-242-3108.

Five Star Bank and Redding Rancheria present

Incredible Inventions: Ancient Science of Our Modern World
September 29, 2018 – January 4, 2019
Art Gallery
From ball bearings, to gears, to architecture, everything we create today is built on strong foundation of ancient science and engineering. Created by Artisans of Florence, 50 highly interactive stations let students follow in the footsteps of Archimedes, the father of Science, Roman engineer Marcus Vitruvius, and the great Leonardo Da Vinci. It's a STEM adventure!

Dignity Health North State presents

Shadows of the Human Condition: Elephants and Demeter’s Children by Sandra Relyea
September 29, 2018 – January 13, 2019
Exploration Hall East
Artist Sandra Relyea channels her years as a physician assistant working with people from all walks of life into arresting artworks depicting our homeless community and the international plight of the trafficked. Students will explore these current topics as they relate to both our local and global communities and learn what they can do to help.

Between Two Worlds
October 6, 2018 - January 13, 2019
Exploration Hall West
What does home mean? For many Lao people, the Vietnam War challenged and changed their concept of home and culture. Told by the people themselves, this exhibition from the Center for Lao Studies takes students on the refugees’ journey from their homes in Laos to reeducation camps to refugee camps to finding new homes in the United States.

5th West Coast Biennial Art Competition and Exhibition
January 25, 2019 – April 28, 2019
Exploration Hall East
Students will see artworks created by established and emerging artists from California, Oregon, Washington and Alaska. Our fifth biennial art competition fills the gallery with works in many art media, including painting, sculpture, and photography. The exhibition will be the focus of the FREE 3rd grade Museum Art Gallery Experience (MAGE).

Famous Artists Student Art Show: Contemporary Colors & Shapes
January 25, 2019 – April 28, 2019
Enjoy pieces by local students in grades K-8. Selected from student works created in the Famous Artists volunteer school program and curated by our Famous Artist Portfolio Program volunteers.

Roots of Wisdom
January 26, 2019 – May 5, 2019
Exploration Hall West
In this exhibition from the Oregon Museum of Science & Industry, students will discover the unique partnership between cutting-edge western science and traditional knowledge of indigenous peoples. Through the voices of elders and youth, storytelling, hands-on interactives, and clever video games, students gather resources, examine data, and take part in the growing movement towards sustainability and reclamation of age-old practices.

Goose Bumps! The Science of Fear
May 31, 2019 – September 2, 2019
Art Gallery & Exploration Hall
This exhibition from the California Science Center Foundation presents the many sides of the universal and powerful emotion of fear. Students will experience fear in a safe environment as they participate in a series of fun challenges and discover the science behind their physical and emotional responses.
Visit Turtle Bay for an animal experience or a Walk on the Wild Side Animal Show. Turtle Bay’s animal ambassadors offer myriad learning opportunities for your students.

From exhibitions that explore ancient engineering and science, to social inequities our society must address, to modern art in its myriad forms, your students will receive diverse avenues of exploration to enhance your classroom curriculum.

Park Favorites

Hemsted’s Moving and Storage presents
Walk on the Wild Side Animal Show
May 11 – August 16, 2019
Daily (Except Mondays), 11 am & noon
See an entirely new, live animal show! Enjoy watching a badger dig, a bobcat jump and an owl fly inches from your head. Marvel as a curious corvid shows off intelligence by solving puzzles. See the animals up close and personal. Join us for a fun-filled educational wildlife show, and see animals showing off their natural behaviors in a captivating and inspiring atmosphere. This show is one that you won’t soon forget.

Parrot Playhouse
Open all year: Half hour after Park opens – 11:45 am & 1 pm – Park close.
(Closed between 11:45 am & 1 pm)
Walk through the interactive aviary featuring lorikeets, Australian birds seen in every color of the rainbow! Feed these colorful birds from your own hand! $1 for each nectar cup.
Energy Experience at Turtle Bay...

"It's My Planet"

Grades: 3-5
Sept 7, 2018 – April 26, 2019
Fridays, 9 am – noon
(90 minute program)

FREE to schools in the Greater Redding area!
$5 student fee underwritten by REU for the following areas:

- All schools 3rd – 5th grade within the Redding City limits
- Schools North to Mountain Gate
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Redding Electric Utility offers an "electrifying" education program on energy conservation and electrical safety presented by REU staff. Some of the areas covered are electrical safety, energy conservation and saving tips, renewable energy, and an exciting demonstration of the power of electricity performed by experienced REU linemen.

After your electrifying REU program stay and explore all of Turtle Bay!
Guidelines for Student Visits

Educators bringing their students to Turtle Bay Exploration Park are expected to plan a schedule that focuses students’ attention and creates opportunities to connect learning at the Park with learning in the classroom or community.

**Educators and chaperones are expected to:**
- Stay with pre-assigned chaperone-led groups at all times, regardless of the students’ ages.
- Adhere to the code of conduct established by school systems. Behavior that is not acceptable at school is not acceptable at Turtle Bay Exploration Park.
- Act as facilitators, encourage inquiry, and assist students in navigating through the Park and programs safely and appropriately.

**Please note:** Turtle Bay is not responsible for lost, stolen, or damaged personal property.

**Field Trip Reservations**
- Book your field trip early! Programs fill to capacity and there is a limit to daily school field trip admissions. Space in May and June 2019 fill quickly!
- Make reservations at least two weeks in advance by calling, 530-242-3108.
- With less than 48 hours’ notice, there will be a non-refundable $50 charge for cancellations.

**Field Trip Rates**

<table>
<thead>
<tr>
<th>Category</th>
<th>Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teachers</td>
<td>Free</td>
</tr>
<tr>
<td>Students</td>
<td></td>
</tr>
<tr>
<td>Independent Exploration</td>
<td>$4.00</td>
</tr>
<tr>
<td>Animals! Animals! Animals!</td>
<td>$6.00</td>
</tr>
<tr>
<td>Other Exploration Classes</td>
<td>$5.00</td>
</tr>
<tr>
<td>Extra Chaperones</td>
<td>$8.00</td>
</tr>
<tr>
<td>Required Chaperones</td>
<td>Free</td>
</tr>
<tr>
<td>Adult Members</td>
<td>Free</td>
</tr>
</tbody>
</table>

Please note: Field trip rates are not waived for members’ children.

**Chaperones**
Chaperones work with us to help students experience the most productive and educational visit as possible. Chaperones are responsible for the safety of students and the exhibits they visit. Please determine designated chaperones and chaperone-led groups in advance of arrival and distribute a chaperone guide to all adults attending. Please refer to the following required chaperone ratios. Note that teachers are not included in the chaperone ratio, however teacher’s aides are.

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Chaperone Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preschool</td>
<td>1 adult chaperone per 2 students</td>
</tr>
<tr>
<td>Kindergarten &amp; 1st Grade</td>
<td>1 adult chaperone per 5 students</td>
</tr>
<tr>
<td>2nd Grade &amp; Up</td>
<td>1 adult chaperone per 8 students</td>
</tr>
</tbody>
</table>

**Nametags are Required!**
School nametags are required for all students and adults. Turtle Bay Exploration Park uses nametags to admit preregistered field trip groups. This streamlines the check-in process. All students and adults must arrive at Turtle Bay wearing a nametag with the school’s name only. Matching school or hand crafted t-shirts, visors, etc. are acceptable substitutions for nametags. You will be charged a fee of $0.50 per nametag if we provide one for you.

**Lunches**
If your group decides to have lunch at the Park:
- Plan ahead and have students individually carry a brown bag lunch in a small backpack, or
- If your group prefers to pack all lunches together, a space will be available to set lunches during Museum exploration.
- Please be aware, groups are always responsible for the transport, distribution and clean-up of any food. Picnic tables are available on the back deck of the Mill Building and throughout Paul Bunyan’s Forest Camp. No indoor seating is available.

**Payment**
Preferred method of payment is by purchase order or check. If paying with cash, please bring exact amount.
Educator Resources

A visit to the Park is just one way we can help you educate your students. We also offer professional development workshops and curriculum materials.

Turtle Bay’s Professional Development Workshop & Lending Library were winners of the 7th Annual Superintendent’s Award for Excellence in Museum Education!

Professional Development Workshop

My Sky Tonight
Saturday, November 3, 8:30 am – noon

This engaging workshop will provide information and activities on developmentally-appropriate practices adapted specifically for astronomy. The workshop will cover techniques for engaging young children in science practices, including engaging with natural phenomena, observing, looking for patterns, using tools and modeling. Perfect for preschool – kindergarten teachers with modifications for first grade! Pre-registration is required by October 27, 2018. Call 530-242-3108 to register. $40 per participant.

Curriculum Lending Library

Turtle Bay’s Lending Library offers classroom kits from various curriculum sources including:

- GEMS (Great Explorations in Math & Science)
- Project Learning Tree
- Growing Up Wild, and more

Registered educators may check out kits that come fully stocked with materials for a classroom of up to 32 students to implement the lesson plans. Activities are perfect for the classroom, after-school programs, or camps. For a yearly fee of $35 an educator may check out an unlimited number of kits. Download a registration form from www.turtlebay.org/lending-library/.

Famous Artists Portfolio Program

This free program allows parents, teachers, and/or community members to present reproductions of significant artworks to students in the classroom. Portfolio prints are organized into nearly 70 age-appropriate themes. Follow-up art activities are suggested for each portfolio. No artistic experience is necessary—merely an enjoyment of working with children and a belief that art matters. In order to borrow portfolios, you must have completed training in a prior year OR participate in this year’s training. All K - 8th grade students participating in this program are eligible to enter the 2019 Student Art Show, exhibited in Turtle Bay Museum January 25 – April 28, 2019.

Field Trip Open House

Tues., Oct. 16, 2018
4 – 6 pm, Museum

We want to share great resources from regional programs to help you plan your field trips with North State partners including:

- Coleman Fish Hatchery
- Whiskeytown Environmental School
- Lassen Volcanic National Park
- Shasta State Historic Park
- Shredeh Planetarium
- Lake Shasta Caverns
- Redding Electric Utility
- Shasta Dam

Refreshments will be provided and giveaways, including Museum store discount coupons, will be available. Each teacher will receive a raffle ticket. Raffle prizes may include a FREE field trip to Turtle Bay, a gift basket, a Turtle Bay Membership, and other fun stuff from our partner organizations. Connect with partner organizations and local teachers, explore the museum exhibitions and meet a Turtle Bay animal ambassador.

Please RSVP to Jan at 530-242-3108 or jdehate@turtlebay.org

Park Hours

WINTER HOURS
September 4, 2018 – April 30, 2019
(Closed Mondays & Tuesdays)
Wednesday – Friday, 9 am to 4 pm
Saturdays and Sundays, 10 am to 4 pm

SUMMER HOURS
Beginning May 1, 2019
Monday – Friday, 9 am to 5 pm
Saturdays and Sundays, 10 am to 5 pm

Please be aware that availability might change due to annual Park maintenance and future Park construction. For up-to-date hours and details visit www.turtlebay.org/visit.