

OUTDOOR SCIENCE SCHOOL 2022

April 12th – 15th

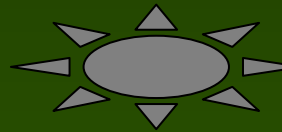


Thousand Pines Outdoor Education-TPOE
<https://www.thousandpinesoutdoored.com/>



THOUSAND PINES

OUTDOOR SCIENCE SCHOOL





Dear Parents, Thousand Pines Outdoor Science School is located in Crestline, CA at an elevation of 5,000 feet. The science school offers your child an outdoor classroom where California State Science standards for 5th and 6th grade are taught by utilizing hands-on experiences with nature. Students learn together in a forest environment where direct experience and observation provide unique learning opportunities.

Thousand Pines' outdoor education experience is more than just science and hiking on trails. Our program helps students develop self-confidence by participating in multiple activities like: archery, climbing wall, team-building initiatives, night-hike, Astronomy, dances, songs, skits, campfires, mealtime manners, and other outdoor activities. At the end of their stay, students get a chance to test their knowledge in the Outdoor Science Jeopardy Game, and enjoy a video of their week at science school. That video will be sent directly to you at the end of your child's week.

The forms section of our website is designed to help you find resources to prepare for your child's experience. If you have questions regarding the outdoor science school experience, we highly recommend that you attend the science school information meeting if one has been scheduled for your school. This provides a great opportunity for you to have all of your questions answered. If one has not been scheduled, please direct any questions to your school's outdoor education coordinator. For more information about our program and facilities, please visit our website at <http://thousandpinesoutdoored.com>. Thank you, and we look forward to hosting your student at our outdoor science school!

Sincerely,

Jeremy Rice
Outdoor Education Director



High Desert School

Thousand Pines - Outdoor Science School

5th Grade Opportunity for Science Exploration in a 4-day Outdoor Classroom



April 12 - 15, 2022

Dear Fifth Grade Parent,

Your child will have an opportunity to participate in a learning experience of a lifetime at Outdoor Science School. This year the students will be attending Thousand Pines Outdoor Science School from **April 12 – April 15, 2022 (3 nights)**.

The students spend four days learning about science and environmental concepts through hands-on activities in the real world. During the weeks before going to Outdoor School, the fifth grade teachers will be teaching science lessons to prepare students to get the most out of the experience. Students will learn vocabulary, concepts, and information that they will apply and experience for themselves at Thousand Pines.

While they are at Outdoor Science School, students will participate in lessons, hikes, and science activities led by trained naturalists. Students are closely supervised by High Desert teachers throughout the week. During the week, students grow in maturity and self-reliance and return home to share their experiences and knowledge with their families.

This trip is always an exciting and memorable learning experience for students. ***The cost for this 4 day/3 night adventure, including meals and a t-shirt, is \$310.00.*** Additional information will be sent home the first week of school.

Thousand Pines Outdoor Education –TPOE

<https://www.thousandpinesoutdoored.com/>

To sign-up to attend, please complete the permission slip, select the payment option that works best for your family, and return to Mrs. Trusel with payment.

Cash or Check Made Payable to High Desert School - ASB

Payment Plan - Payment #5 - Due Feb. 1, 2022 _____ Payment #5 - \$62 Student's Name _____	Payment Plan - Payment #4 - Due Jan. 1, 2022 _____ Payment #4 - \$62 Student's Name _____
Payment Plan - Payment #3 - Due Dec. 1, 2022 _____ Payment #3 - \$62 Student's Name _____	Payment Plan - Payment #2 - Due Nov. 1, 2022 _____ Payment #2 - \$62 Student's Name _____
Payment Plan - Payment #1 - Due Oct. 1, 2022 _____ Payment #1 - \$62 Student's Name _____	One-Time Full Payment - Due Oct. 1, 2022 _____ Full Payment - \$310 Student's Name _____



High Desert Outdoor Science School
Thousand Pines Outdoor Education

April 12 - April 15, 2022

(Tentative as of September 27)

- ❖ March 7 - Initial or complete online registration through CamDoc.com (Electronic Health Record and Registration)
- ❖ March 15 - On Tuesday, March 15 from 2:30 - 4:30, we will be available in the School Library (or alternative location) to assist with CampDoc registration. We will provide the use of Chromebooks for this session
- ❖ March 21 - Complete on-line registration through CamDoc.com (Electronic Health Record and Registration).
- ❖ March 21 - Student Cabin Choice Day
T-shirt Order Due (Details March 2)
- ❖ March 28 - Health and Medication requirements, expectations, guidelines, and procedures and forms completed and submitted.
- ❖ April 11 - Student Mail for teachers to take is Due in office "OSS Mail Box" by 3:15 PM. Any medications delivered and recorded in school health office.
- ❖ April 12 - Students arrive at High Desert by 7:30 AM
With Luggage- ready to leave by 7:50 AM
- ❖ April 15 - Students return to High Desert ~ 12:30
 - Students are traditionally signed -out for the day after returning. (Minimum Day)
- ❖ April 18-22 - No School- Spring Break

COMING TO OUTDOOR SCIENCE SCHOOL

ESSENTIAL ITEMS

- Sleeping Bag & Pillow
- 2 Pairs Shoes (worn in, closed toed with good tread and laces)
- Flip Flops for showers
- 3 Pairs Long Jeans or Heavy Pants
- Sweatshirt or Jacket
- Shirts
- Pajamas
- Underwear & Socks (5 pairs for both)
- Refillable Water Bottle
- Toiletries: comb/brush, soap, tissues, 2 bath towels, 1 wash cloth, shampoo, lip balm, toothbrush & paste, deodorant, etc.

OPTIONAL ITEMS

- Sunscreen and Hat
- Hair Dryer (Limited Time for Hair Drying)
- Good Book (For Cabin Time)
- Hiking Boots
- Insect Repellent
- Backpack
- Camera (Disposable Recommended)
- Letter Writing Materials (Pencil, Paper & Stamped Envelopes)

SEASONAL ITEMS

- Pair long underwear
- Waterproof, Warm Jacket
- Warm Hat, Gloves
- Rain/Snow Gear

PLEASE DO NOT BRING:

These items will be confiscated upon arrival and returned to the student before departure.

- Drugs, Alcohol, Weapons, Knives or Tools
- Excess Money or Valuables (no secure storage area)
- Cell Phones or Electronic Devices of Any Kind
- Flashlights (Not needed or used)
- Food, Candy or Gum
- Curling Irons, Flat Irons, or Aerosol Sprays
- Any Items Not Allowed at School

Student Name
School Name
P.O. Box 3288
Crestline, CA 92325

MAIL

- Mail the envelope 3-5 days prior to arrival
- Use address format above

PLEASE MARK PERSONAL BELONGINGS WITH YOUR NAME AND SCHOOL

Cabins are not secure; keep valuables on your person. We are not responsible for lost or stolen property.

DRIVING DIRECTIONS

- Please use www.thousandpinesoutdoored.com/directions. Avoid GPS; it is often inaccurate.

WEATHER

- Temperatures can be extreme. Freezing conditions and snow are possible October- June.
- Layering clothing is the recommended method of preparing for changing mountain temperatures.
- Visit www.thousandpines.com/weather to check the weather forecast & road conditions.

CAMPDOC INSTRUCTIONS

Go to your group's exclusive CampDoc link provided by your group leader.
CampDoc Release Forms must be 100% complete two weeks prior to your event.





WELCOME!

WE'RE GLAD YOU'RE HERE

thousand pines



GENERAL SCHEDULE

- TUESDAY- 4/12
 - Leave High Desert ~ 8:00 AM
 - Arrive at OSS ~ 10:00 AM
- FRIDAY - 4/15
 - Leave OSS ~ 10:00 AM
 - Arrive at High Desert ~ 12:00 Noon

DAILY SCHEDULE

- 7:00 AM - Wake up
Cabin Duties
- 7:50 - Breakfast
- 9:00 - Naturalist Groups
Lessons – Science Journal
Lunch on the trail
- 4:00- Cabin Duties, Skits
- 5:20- Dinner
- 7:00- Evening Activities
- 9:25 PM- Lights out

Outdoor Science School Experience

- **Outdoor Science SCHOOL not CAMP ...**
- **An ecosystem consists of biotic and abiotic elements interacting with each other.**
- **Our attitudes and way of life create an ecological impact upon the environment.**
- **The earth is dynamic, subject to change.**
- **Outdoor School is a mini-community.**











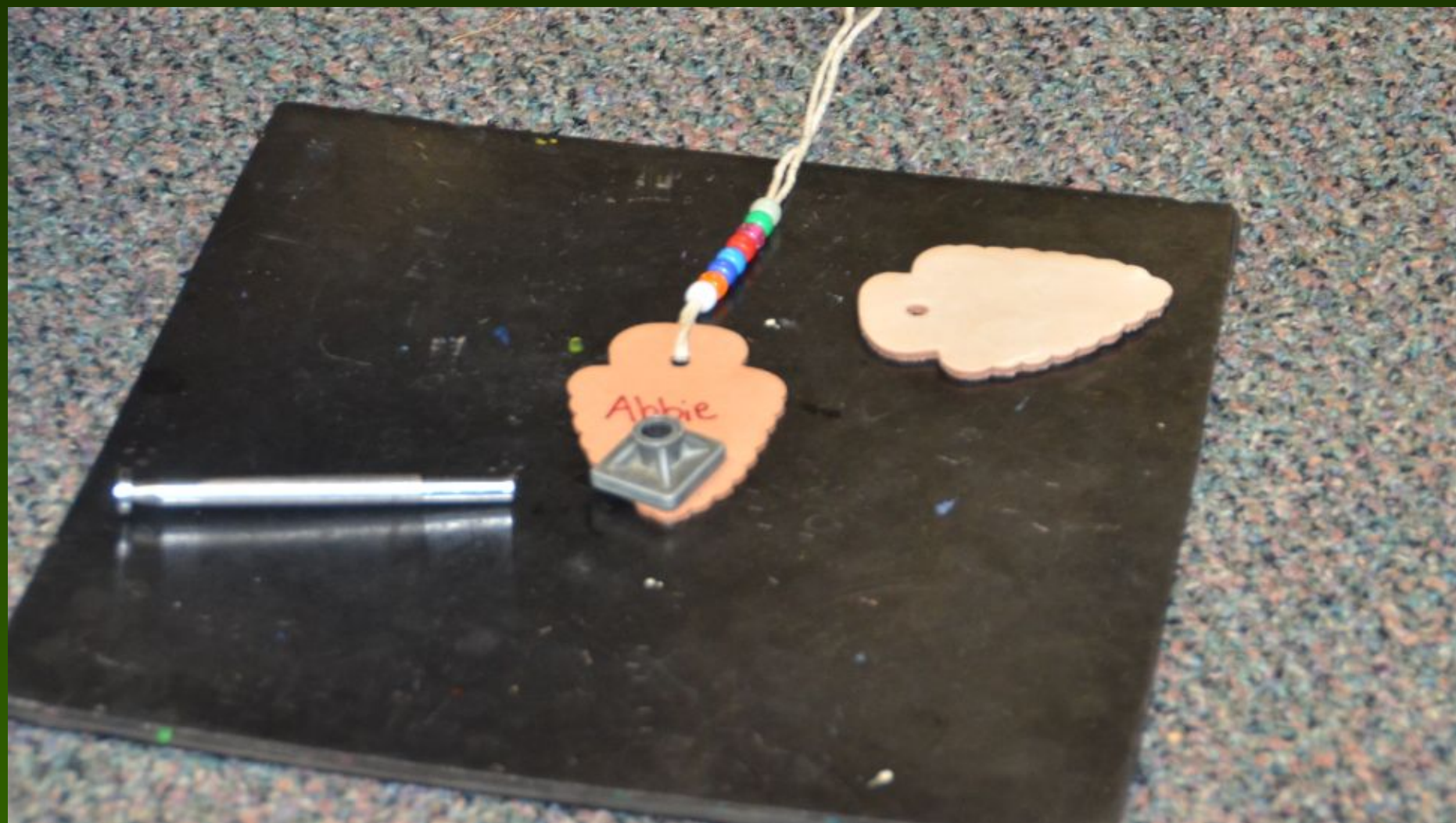
ATTENTION

FOR YOUR OWN
SAFETY, USE OF THE
CHALLENGE COURSE
PROHIBITED UNLESS
WITH A TRAINED
FACILITATOR.

NO TRESPASSING

www.adventure-education.com

















Calcareous Tufa



Talc



Magnesite
(precursor to talc)



Actinolite
var. Nephrite Jade



Mica var. Fuchsite
(Green Mica)



Mica var. Biotite



Epidote var. Pistacite
Crystals



Pistacite and Chlorite



White Feldspar



Greenschist



Actinolite var. Actinolite
with Talc



Metasiltstone
(Marble)



Garnet Crystals



Iron Pyrite Crystals



Tourmaline Crystals



Tourmaline on Actinolite



Corundum
(Pink Sapphire)



Diorite
(Hornblende, Biotite Mica, Feldspar)



Granite





Right now this tree is producing
oxygen that you are breathing.
Right now you are producing *carbon
dioxide* that the tree is breathing in
through its leaves. Think
of this sharing of life-
giving air as an Air Cycle!
Hug the tree and thank it
for your air!







HERBIVORES

eat PLANTS

- No Canines (Fangs)
- Mostly Flat back teeth
- Has space



CARNIVORES

eat MEAT

- Canine teeth (Fangs)
- Sharp back teeth pointed in middle



OMNIVORES

eat PLANTS and MEAT

- Canine teeth
- Back teeth are mostly FLAT or indented in the middle

