



**PALOMAR**

Christian Conference Center

# Science Camp

*Cultivating Students to Depend on Jesus*





*We are so excited that you are interested in Palomar Christian Conference Center's Science Camp! We hope this information packet gives you insight about how we cultivate your students to depend on Jesus.*

### ***How will Science Camp enhance my students' passion for learning?***

God's creation on Palomar Mountain is a beautiful setting to grow and to study his handiwork through outdoor classes. When students get to experience nature firsthand, and learning becomes fun and engaging, they become enthusiastic! We believe that this enthusiasm for learning is one of the best gifts a child can be given. As a result, we take many opportunities to observe and learn from our mountain ecosystem as scientists, while also examining nature through the lens of Scripture.

### ***Why is your Science Camp a must-have experience for my students?***

What sets us apart is our dedication and intentionality in training your students to depend on Jesus in every area of their life. Our priority is to demonstrate love for and obedience to Christ. We plan every component of camp meet the holistic needs of your students. Every Outdoor Education staff member is a believer who has biblical convictions that are evident through their words and actions. We want you to leave Palomar as family, encouraged in your faith and challenged in your obedience to God.

### ***How will you impact my students in their relationship with God?***

Each year we create a biblical theme to expose your students to the Gospel, equip them with God's Word, and challenge them to love and obey their Lord and Savior. At night, we teach them God's Word around a campfire while in the morning, our staff equip your students with tools to grow in their relationship with God. This balance of hearing and doing enables your students to continue their dependence on Christ when they go home.

### ***Will my students have fun and grow together as a class?***

Science Camp includes many opportunities to have fun and to bond as a school class. Our Low Ropes Challenge Course and initiatives use fun, team challenges combined with reflection time to develop students in their communication, encouragement, and servant-mindedness. In addition to class unity, we want your students to have a blast! We provide field games, epic night games, a unique theme night to dress up and be yourself, and many free time activities such as our Zip Line and Horseback Riding. As your students are having fun, you will notice that they become more open to developing stronger friendships and to hearing from the Word of God."

*Our goal is to provide the most outstanding experience in all Southern California for students and teachers alike. I look forward to seeing you and your young scientists here at Palomar Christian Conference Center soon!*



## Aquatics

*Study of Water Systems*

Students will get to interact with Palomar Mountain's ecosystem as they hike through Doane Creek's watershed and observe its riparian habitat with their own eyes. They will walk along the creek to take chemical and biological assessments to determine if Doane Creek is a healthy habitat. Furthermore, they will discuss the numerous personal uses for water and how essential the water cycle is to the earth.

## Astronomy

*Study of Celestial Objects*

Students will learn that God cares about the little details even in our lives as they study our sun, planets, the Earth's systems, satellites, and dwarf planets. The class includes visual examples and hands-on activities that help students visualize the beauty beyond our atmosphere. A guided star tour of the constellations is available at night.



## Botany

*Study of Plants and the Big Picture*

Students will learn about the basics of plant life in the great outdoors. We will discuss the structure of plants, the benefits of plants, the process of photosynthesis, and how to categorize trees. Students will take a tree walk and make observations regarding the differences in trees; they will collect data and analyze it to discern the names of types of selected trees.

## Entomology

*Study of Insects*

Students will learn about and observe insects in their natural habitat. They will learn about the basic anatomy of an insect, its role in the ecosystem, and the good, the bad, and the ugly of the different varieties of insects. Students will collect a variety of insects and document their observations.



## Fire

*Study of Fire*

Students will learn the science and safety of fire followed by the opportunity to create their own fires within small groups. As students discuss the Fire Triangle, they will gain an appreciation and thorough understanding regarding the ins and outs of fire. This will equip them with confidence to build and put out a fire in a safe, effective way.

## Mammalogy

*Study of Mammals*

Students will learn what characteristics define a mammal, what role mammals play in their ecosystem, and how we as humans are different from anything else that God has created. They will get to study the mammals of Palomar Mountain in depth through hands-on experience and interactive activities.





## Orienteering

*Study of Finding Your Way*

Students will become more confident in navigation as they study directions, degrees, the basic parts of a compass, and how to effectively use a compass. After practicing these concepts, they will utilize their skills in small groups with an orienteering challenge.

## Ornithology

*Study of Birds*

Students will learn about the unique structure of a bird, its flight capabilities, its role as a consumer in the food chain, and the different habitats birds live in. Students will use binoculars to watch birds in action as they interact in their natural habitat. It will inspire them to look out for birds in their daily lives and lead them to appreciate God as Creator.



## Teambuilding

*Using Initiatives*

Students will develop biblical qualities and team unity as they participate in group activities. Initiatives are games played with the purpose of processing their experience and applying principles to their daily lives. This is a fun, interactive way for your students to develop individually and as a group

## Teambuilding

*Using the Low Ropes Course*

Students will develop biblical qualities and team unity as they participate in our low ropes course. Low rope elements are challenge events generally built anywhere from 2-6 feet off the ground that require teamwork to accomplish the task. These challenges are extremely interactive and will play a vital role in developing perseverance, patience, and kindness.



## Weather

*Study of Weather and Climate*

Students will learn what weather is, what affects weather, how God uses weather, and how we can recognize different weather in our everyday lives. Students will discuss pressure systems, currents, clouds, natural disasters, and the climate in Southern California. This will enable students to have confidence and a greater appreciation for weather and its effect in our lives.

## Hiking

*A Long Walk Through Beautiful Wilderness*

The last full day of camp we hike 3-4 miles either to see the ocean from the peak of Boucher Hill or to hike along the creek on our journey to Doane Pond. The hike provides a wonderful for time students to enjoy incredible sights, to challenge themselves, and to bond together over a unique experience.



# Free-Time Activities

Free time is an awesome opportunity for your students to experience camp with a little bit of freedom. We offer many unique camp activities from 3:15-5:00pm. This is a great time for students to build memories with new friends and best friends!



## Trail Rides | \$20

Ages 9+ / 4' 6"+ / Under 250lbs.  
Max. 6 Per Ride

Ride horseback on our forested trails! Beginners welcome – be sure to wear long pants and closed-toe shoes before starting your horse adventure. Riders must sign-up in the Office on the morning of the ride they want to take.



## Archery | FREE All Ages

Learn the timeless skill of archery at our Archery Range! Facilitated by a PCCC staff member trained in NTS techniques.



## Paintball | \$20 Ages 11+ / Min. 10 People / Max. 20 people

Compete against other campers on the Paintball Course! We provide the equipment and referees, just come with your game face on! Long sleeves and pants are recommended. Paintball sessions are scheduled per group, last 1 1/2 hours, and are limited to 20 players. Sign-ups need to be turned in on the day of the game.

## Zipline | \$5 per ride \$10 unlimited

All Ages / 3' 8"+ / Under 250lbs.

Take a ride on our 650-foot zipline and enjoy the view from a different perspective as you zoom past our Palomar pine trees! Start at the landing platform to get all the gear you need and then hike to the zipline tower to begin your tree-top adventure. We provide the helmet, harness, and hardware. The Zipline is staffed by our certified instructors.



## High Ropes | \$5

Ages 13+ / Under 250lbs.

Take on a challenge that will test your balance and your courage! You are sure to have a great time navigating your way through our unique High Ropes course as high as 40' off the ground.



## Gun Range | FREE BB Guns All Ages

Test your aim with target practice and trap shooting at the PCCC Gun Range! This activity is staffed by our NRA-certified Range Safety Officers. Enjoy the awesome views while perfecting your shot!

## Enjoy some time perusing our gift shop.

We offer snacks, drinks, apparel, souvenirs, and our beloved Palomar Mountain stuffed animals. Students are limited to one snack and drink each day.



# Evening Activities

*Every night we finish off our day with several epic evening activities. Our first order of fun is a game followed by our campfire time. Every year we plan a new spiritual theme and theme night!*

## **Night Sky**

We provide a guided star tour of the constellations on our ball field that provides your students with an awe-inspiring perspective of our God. This is an extended part of our astronomy class though it can also be enjoyed without experiencing the class.

## **Theme Night**

Our theme night is a high-energy, dress up extravaganza that students anticipate each year! Past theme nights include a Glow-In-The-Dark Dance Party, Pirate Night, and Star Wars Night. Make sure you and your students come dressed up so that you are ready for the ultimate party on your second night of camp!

## **Jeopardy**

Our final night at camp puts your students to the test as we put on our Palomar Jeopardy Game Show. It challenges them to remember what they learned in their classes and throws some fun surprises at them as well. It is a great way to wrap up their outdoor-learning adventure!

## **Campfire**

Every night culminates with a fun and uplifting time at campfire. We sing goofy songs, worship the Lord, and open God's Word together. Each night follows our spiritual theme designed each year to teach your students how to depend on Jesus.

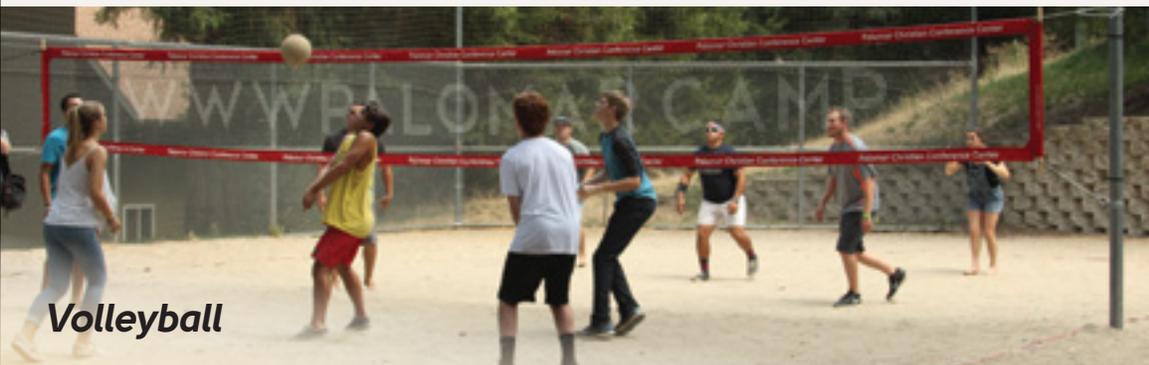
# Anytime Fun!



**Horseshoes**



**Basketball**



**Volleyball**



**Ga-Ga Ball**



**Disc Golf**



**Ball Field**



**Ping Pong & Carpetball**

# Meeting Rooms

We have 8 meeting rooms across camp. The rooms are equipped with a drink station that includes cold water and hot coffee. Science Camp uses one large meeting room as our main meeting space. Other meeting rooms may be utilized for certain classes or in case of bad weather. The majority of our classes are taught outside across campus or in our Outdoor Teaching Sites.



**Chapel** Seats up to 300



**Kerrigil Hall** Seats up to 150



**Canyonview** Seats up to 100



**Oak** Seats up to 60

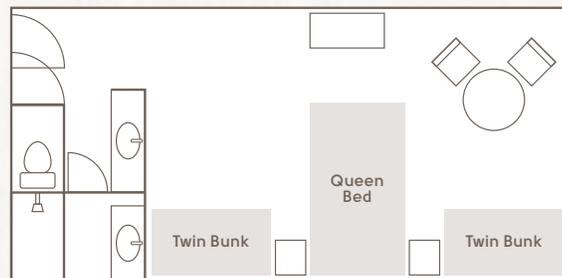
# Dining Hall

PCCC is well-known for serving delicious meals! We serve buffet style and offer a few choices at each meal. We are also able to accommodate food allergies. Let us know if your group has any and we will ensure that they have great meals to eat!

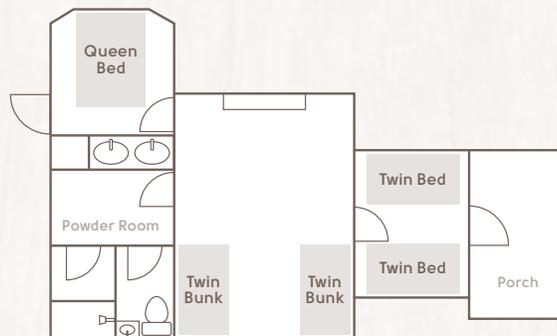


## Motel Lodging for Teachers

We offer semi-private rooms which come with towels and bedding. Each room has a large bathroom with a shower and toilet and are equipped with heating and air conditioning. Teachers are welcome to come as chaperones and stay with the kids in the dorms if that is your school's preference. However, we also want to provide you with the option of staying in a motel style room, separate from your students. This would provide you with a private area to be refreshed during your stay with us.



**Spruce Lodge** 20 rooms / Sleeps up to 5 per room / Lodge may be divided between groups



**Stella Wright Cottage** Sleeps up to 7

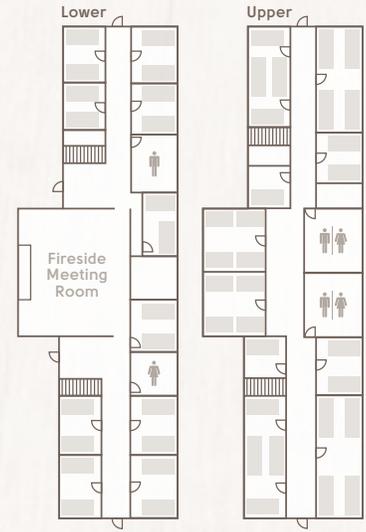
# Dorm Lodging for Students and Chaperones

We have heated buildings equipped with shared bathrooms. Bedrooms have twin bunk beds and accommodate 4-10 people per room.



## Palomar Lodge

Top level sleeps up to 60 / Bottom level sleeps up to 40



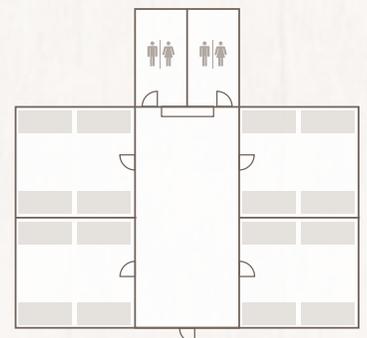
## Kerrigil Lodge

10 rooms / Sleeps up to 10 per room / Lodge may be divided between groups



## Anderson/Johnson Lodge & Davis Lodge

Matching floorplans / Sleeps up to 32 per lodge



# Sample Science Camp Schedule

Here is a sample of our 5-day schedule! Take out Wednesday and you can see what our 4-day schedule looks like.

## Monday

- 11:00 Arrive
- 12:00 Lunch
- 1:00 Orientation
- 1:45 Organized Activity
- 3:00 Free Time
- 5:15 OTS - Team 1
- 5:20 Line up in Teams
- 5:30 Dinner
- 6:15 Evening Activity
- 7:30 Campfire
- 8:30 Cabin Time
- 10:00 Lights out

## Tuesday

- 7:30 Morning Prep
- 7:45 OTS - Team 2
- 7:50 Line up in Teams
- 8:00 Breakfast
- 8:45 Morning Devotions
- 9:10 Class #1
- 10:35 Class #2
- 11:45 OTS - Team 3
- 11:50 Line up in Teams
- 12:00 Lunch
- 12:30 FOB (Rest)
- 1:30 Class #3
- 2:50 Organized Event
- 3:10 Free Time
- 5:15 OTS - Team 4
- 5:20 Line up in Teams
- 5:30 Dinner
- 6:15 Evening Activity
- 7:30 Campfire
- 8:30 Cabin Time
- 10:00 Lights Out

## Wednesday

- 7:30 Morning Prep
- 7:45 OTS - Team 2
- 7:50 Line up in Teams
- 8:00 Breakfast
- 8:45 Morning Devotions
- 9:10 Class #4
- 10:35 Class #5
- 11:45 OTS - Team 3
- 11:50 Line up in Teams
- 12:00 Lunch
- 12:30 FOB (Rest)
- 1:30 Class #6
- 2:50 Organized Event
- 3:10 Free Time
- 5:15 OTS - Team 4
- 5:20 Line up in Teams
- 5:30 Dinner
- 6:15 Evening Activity
- 7:30 Campfire
- 8:30 Cabin Time
- 10:00 Lights Out

## Thursday

- 7:30 Morning Prep
- 7:45 OTS - Team 5
- 7:50 Line up in Teams
- 8:00 Breakfast
- 8:45 Morning Devotions
- 9:10 Class #7
- 10:25 Hike
- 2:00 FOB
- 3:10 Free Time
- 5:15 OTS - Volunteer
- 5:20 Line up in Teams
- 5:30 Dinner
- 6:15 Evening Activity
- 7:30 Campfire
- 8:30 Cabin Time
- 10:00 Lights Out

## Friday

- 7:30 Morning Prep
- 7:45 OTS - Volunteer
- 7:50 Line up in Teams
- 8:00 Breakfast
- 8:30 Pack and Move Luggage
- 9:15 Morning Devotions
- 9:45 Award Ceremony
- 10:10 Gift Shop/Lunches

## Science Camp Rates Per Person

### 3-Day

Student \$199

Adult \$59

### 4-Day

Student \$235

Adult \$59

### 5-Day

Student \$269

Adult \$59

# Come to CAMP!

*We would love to talk with you more about having your school up for Science Camp. Call and let us know what you are hoping for and how we can meet your needs. We will give you some dates to think about and help you visualize what your experience will be like!*

## Book Your School

To move forward in the booking process, you will need to have dates set and a minimum number of campers expected. The minimum number is how many people you are guaranteeing to pay for at camp. We then set a maximum number that is typically 10 people higher than your minimum, and is the number of beds we reserved for you. From here, we will send you a contract and you will have 3 weeks to sign and return it with a 20% deposit.

## Become Fully Registered

Once we have received your deposit and contract, your group is fully registered! We also need a copy of liability insurance naming PCCCC as secondary insurer; just call your insurance provider and have them send it directly to our office by mail, email, or fax (information below).

## Count Down to Science Camp

We will provide you with our Science Camp checklist to help you prepare you and your students for camp, while we make sure you have an extraordinary experience that feels like home away from home.

## Camp It Up!

This adventure will help change the lives of your students as we pour into them, study God's creation, have a blast, and teach them how to depend on Jesus Christ. Know that our staff will be praying and preparing for your group.

### David Hasty

*Program Manager*

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