

# ***Youth Camp Activity Descriptions Summer 2017***

## **In Camp Ranger-Led Activities**

**Note: The scheduling of the In camp Ranger-Led Programs is done with the Park Ranger Youth Camp Coordinator and the Group leader.**

### **Activity: Park Orientation**

**Note: This Orientation activity is required and provided to all groups upon their arrival at the park.**

Summary: Campers will use the park map as an introduction and orientation to the park and to become familiar with landmarks and places of interest in the park.

Goal: To provide campers with an introduction to the park.

Time Required: 30 Minutes

### **Activity: Volcanoes of Lassen**

Summary: Campers will learn how volcanoes are formed and how to identify the four major types of volcanoes found in the park.

Goal: To increase camper awareness and understanding of volcanic processes.

Time Required: One hour.

### **Activity: Weather or Not?**

Summary: Campers will become part of the global and regional weather systems as they move water to and from different areas in a water relay.

Goal: To provide a basic understanding of convection currents and the processes that drive weather systems.

## **Ranger-Led Field Activities**

**Note: The scheduling of the Ranger-Led Field Activities is done with the Park Ranger Youth Camp Coordinator and the Group leader. Days and times depend on availability of park staff.**

### **Activity: Ecosystems!**

Summary: Campers will take a walk around Manzanita Lake to learn about the wildlife and the many wildlife communities and neighborhoods around the lake.

Goal: To provide campers with an introduction to the park's wildlife and their roles in the ecosystem at Manzanita Lake.

Time Required: 1 - 2 hours

Location: Manzanita Lake trail

### **Activity: Ride the Rock Cycle**

Summary: Campers will learn about the rock cycle by exploring the Devastated Area.

Goal: For campers to gain an understanding and appreciation of the geological events that lead to the creation of the Devastated Area.

Time Required: 1 hour

**Activity: Devastated**

Summary: Campers will learn about the renewal of life through primary and secondary succession after a volcanic eruption at the Devastated Area.

Goal: For campers to gain an understanding and appreciation of the our changing environment

Time Required: One hour

Location: Devastated Area Trail

**Activity: Lily Pond Compass Course**

Summary: Campers will learn basic compass skills and follow bearings along a trail.

Goal: To provide campers with an introduction to orienteering and compass use in a forest environment.

Time Required: 1-2 Hours

Location: Lily Pond Trail

### **Teacher or Group Leader Directed Activities**

**The following three activities can be done as a group led by the group leader by completing the activity card for each of the following programs. The activity cards can be obtained at the Loomis Museum. Patches are earned with the completion of any of these programs:**

- **Junior Ranger**
- **Green Junior Ranger**
- **Volcano Club**

**Activity: Loomis Museum Discovery Hunt**

Summary: Campers will learn about human history and the volcanic history of Lassen Volcanic National Park while visiting the historic Loomis Museum

Goal: To provide campers with an introduction to Lassen Volcanic National Park's human history, the founding of the park, and its volcanic history

Type of Activity: Discovery Hunt

Time Required: One hour

Location: Loomis Museum

**Activity: Kohm Yah-mah-nee Discovery Hunt**

Summary: Campers will learn about human history and the volcanic history of Lassen Volcanic National Park while visiting Kohm Yah-mah-nee Visitor Center

Goal: To provide campers with an introduction to Lassen Volcanic National Park's human history, the founding of the park, and its volcanic history

Type of Activity: Discovery Hunt

Time Required: One hour

Location: Kohm Yah-mah-nee Visitor Center

## Public Ranger-Led Activities

These are the programs we offer to the public during the summer. They are also well attended by the youth groups. These programs are fun and informative and cover a variety of natural and cultural subjects. All programs are 45 minutes long unless noted.

### Sunday

10:30 a.m. - **Inside a Volcano**. Meet at Sulphur Works. **30 minutes**. Mudpots, fumaroles, and boiling pools... Such features remind us that our planet is alive and constantly changing. Join a ranger and discover what drives Sulphur Works and learn the secrets that make each of its features.

12:30 p.m. – **On Top of a Volcano**. Meet at the top of Lassen Peak. You've made it to the top of Lassen! Catch your breath and learn more about the historic 1915 eruption of Lassen Peak. Bring your lunch and meet a ranger at the top of Lassen Peak.

1:30 p.m. – **Lassen's Defining Moments**. Meet inside the Loomis Museum. How did Lassen become a national park a century ago? Find out by joining us for an engaging journey through time. Meet colorful characters whose conviction of heart led the way to our park's formation.

2:00 p.m. – **Can You Dig It?** Kohm Yah-mah-nee Visitor Center. Dig into Lassen's new augmented reality sandbox with a ranger and discover how watersheds work and what topographic lines are all about.

### Monday

10:30 a.m. - - **Bear Necessities**, Meet outside the Loomis Museum. Learn about black bears and how you can help keep them stay wild in Lassen Volcanic National Park. Join us for this fun filled program.

10:30 a.m. - **Inside a Volcano**. Meet at Sulphur Works. **30 minutes**. Mudpots, fumaroles, and boiling pools... Such features remind us that our planet is alive and constantly changing. Join a ranger and discover what drives Sulphur Works and learn the secrets that make each of its features.

1:30 p.m. - **Volcanoes**. Meet outside Loomis Museum  
Did you know that every mountain in the park is a volcano or part of one? Learn about the geology and volcanic history of the park through this interesting program.

2:00 p.m. - **Can You Dig It?** Kohm Yah-mah-nee Visitor Center. Dig into Lassen's new augmented reality sandbox with a ranger and discover how watersheds work and what topographic lines are all about.

## **Tuesday**

10:30 a.m. - **Inside a Volcano.** Meet at Sulphur Works. **30 minutes.** Mudpots, fumaroles, and boiling pools... Such features remind us that our planet is alive and constantly changing. Join a ranger and discover what drives Sulphur Works and learn the secrets that make each of its features.

2:00 p.m. - **Can You Dig It?** Kohm Yah-mah-nee Visitor Center. Dig into Lassen's new augmented reality sandbox with a ranger and discover how watersheds work and what topographic lines are all about.

2:30 p.m. - **Pioneers.** Meet at the Manzanita Lake Amphitheater. It's 1853 along the wagon road called the Noble's Emigrant Trail. You will visit a pioneer camp and meet some rugged travelers who tell stories about their journey to California.

## **Wednesday**

10:30 a.m. - **Inside a Volcano.** Meet at Sulphur Works. **30 minutes.** Mudpots, fumaroles, and boiling pools... Such features remind us that our planet is alive and constantly changing. Join a ranger and discover what drives Sulphur Works and learn the secrets that make each of its features.

1:30 p.m. - **On the Wild Side.** Meet outside the Loomis Museum. Discover some of the "wilder sides" of the park during this program. Topics vary from the natural to the cultural history of the park.

2:00 p.m. - **Can You Dig It?** Kohm Yah-mah-nee Visitor Center. Dig into Lassen's new augmented reality sandbox with a ranger and discover how watersheds work and what topographic lines are all about.

7:30 p.m. in July, and 7:00 p.m. in August - **Summit Lake Evening Program.** Meet at Summit Lake Amphitheater. Join a park ranger for a lively program about the natural or cultural history of the park.

## **Thursday**

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### **Friday**

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1:00-3:00 p.m. - **Discovery Center,** Check out the exhibits and join a park ranger for on-going short programs and demonstrations on various natural history subjects. Inquire at Loomis Museum for directions to the Discovery Center.

2:00 p.m. - **Can You Dig It?** Kohm Yah-mah-nee Visitor Center. Dig into Lassen's new augmented reality sandbox with a ranger and discover how watersheds work and what topographic lines are all about.

7:30 p.m. in July, 7:00 p.m. in August.- **Summit Lake Evening Program** Meet at Summit Lake Amphitheater. Join a park ranger for a lively program about the natural or cultural history of the park.

9:00 p.m. in June & July. 8:30 p.m. in August. - **Manzanita Lake Evening Program** . Meet at the Manzanita Lake Amphitheater. Join a park ranger for an evening program about the park's natural or cultural history.

### **Saturday**

8:00 a.m. - **Early Birds** Meet outside the Manzanita Lake Camper Store. **One hour.** Take an easy walk and discover the birds of Manzanita Lake.

10:30 a.m.- **Inside a Volcano** Meet at Sulphur Works . **30 minutes.** Mudpots , fumaroles, and boiling pools... Such features remind us that our planet is alive and constantly changing. Join a ranger and discover what drives Sulphur Works and learn the secrets that make each of its features.

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