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Protecting the East Bay’s Last Remaining Redwoods
A MESSAGE FROM GENERAL MANAGER ROBERT E. DOYLE

In the East Bay Hills, just over the ridgeline, lies one of the great treasures of the East Bay – towering, majestic coast redwoods. The East Bay Regional Park District is working to protect these magnificent trees – some of the last remaining in the East Bay – and pay homage to their past through conservation and education.

Not only beautiful, these redwoods are also an important part of the Bay Area’s history. From the early 1800s to mid-1800s a group of especially tall redwood trees known as the “Navigation Trees” served as landmarks that helped ships avoid underwater hazards and guided them safely through the San Francisco Bay. The Navigation Trees are no longer alive today, but leave an everlasting legacy in the Bay Area that must be preserved.

Development of Redwood Conservation Management Plan:
The Park District’s environmental stewardship division is developing a conservation plan to monitor and protect redwoods in the East Bay to ensure they are available for future generations to enjoy.

Old Growth Redwood Heritage Conservation and Education:
The Park District is working on a collaborative project with Save the Redwoods League to preserve and interpret an old-growth redwood site at Roberts Regional Recreation Area for public learning and future interpretive programs. Nearly all old-growth redwoods in the East Bay were cut down by 1860 to construct homes and buildings.

Climate Change and Phenology in the Redwoods Interpretive Programs:
Redwoods are especially sensitive to changes in the environment. The Park District has partnered with Save the Redwoods League to provide special interpretive and educational programs about how today’s changing climate is affecting East Bay redwoods. Participants take measurements and record environmental changes to help document the effects of today’s changing climate.

We are all blessed to have the opportunity to visit these beautiful and majestic trees right here in the East Bay – just minutes away from where we live. The Park District is working hard to preserve and protect these last remaining redwoods in the East Bay.

Learn more about how Measure FF will assist our conservation efforts at www.ebparks.org/MeasureFF.

Head to a Regional Park on Green Friday

The Park District is turning Black Friday green by making Regional Parks FREE the day after Thanksgiving. Residents are encouraged to skip shopping and instead head to an East Bay Regional Park to connect with nature and healthy activities.

“I can’t think of a better way to spend time with family and friends than getting outside and experiencing nature together,” said East Bay Regional Park District General Manager Robert Doyle. “Park entrance and fees for parking, dogs, horses, boat launching and fishing permits will all be waived.”

This is the fourth year the Park District has been free the day after Thanksgiving. Entrance fees for Ardenwood Historic Farm will also be waived.

The Park District’s Green Friday is part of the “#OptOutside” movement that started in 2015 when REI closed its doors on Black Friday and encouraged its employees and the public to explore the outdoors instead of shopping. More than 1.4 million people and 170 organizations now participate in OptOutside each year.

Fee waiver does not apply to state fees, including fishing licenses and watercraft inspections, and does not apply to District concessions such as the Tilden Merry-Go-Round and trains.
Big Improvement Coming to Eastshore’s Albany Beach

Thanks to voter-approved funding, major public access and natural habitat improvements are on the way for the Albany Beach area of McLaughlin Eastshore State Park. Phases 2 and 3 of the Albany Beach Habitat Restoration and Public Access Project broke ground on August 6. Phase 1 was completed in 2016 with shoreline restoration and trail improvements, including a Bay Trail spur along the Albany Neck.

Phase 2 will improve habitat and public access at Albany Beach, including additional parking, restrooms, and picnic areas. Phase 3 includes a nearly one full-mile extension of the popular San Francisco Bay Trail. The Bay Trail is a planned 500-mile walking and cycling path around the entire San Francisco Bay.

McLaughlin Eastshore State Park extends 8.5 miles along the East Bay shoreline from the Bay Bridge to Richmond and includes 1,854 acres of uplands and tidelands. The Park District operates McLaughlin Eastshore on behalf of California State Parks. Construction is expected to be completed in November 2019. Work areas will be fenced and closed during construction as a safety precaution. However, Phase 2 areas of Albany Beach are expected to reopen by January 2019 with construction of Phase 3 ongoing until November 2019. Access to Albany Bulb and Albany Neck will remain open throughout construction.

The total project cost is $17 million with funding provided by the Park District’s Measures CC and WW, Alameda County Transportation Commission Measure B funds, the Coastal Conservancy, and the Cosco Busan Trustee Council, among others.

Measure FF on November Ballot

The East Bay Regional Park District Board of Directors voted unanimously to place Measure FF on the November ballot to continue existing, voter-approved funding for Regional Parks in western Alameda and Contra Costa counties. Measure FF is an extension of Measure CC which was overwhelmingly passed by voters in 2004.

Measure FF will continue funding for regional park services including:

- Wildfire protection
- Public Safety enhancements
- Maintaining and improving visitor use facilities, public access and trails, including closing gaps in the Bay Trail
- Restoring and enhancing natural areas/habitat, including sensitive redwoods

We invite you to visit our website to learn more about the past commitments delivered by Measure CC and future commitments planned with funding from Measure FF. Below is an excerpt from the County Counsel’s Impartial Analysis.

**Alameda/Contra Costa County Counsel Impartial Analysis:**

If two-thirds of the qualified electors voting on this measure vote for approval, the proceeds of the tax will be used for specific purposes and projects solely within the CFD (Community Facilities District) territory or vicinity. These projects include, among others, wildfire protection, public safety enhancements, water quality preservation, and natural area restoration. The measure provides for an annual report and public accounting of the use of tax proceeds.

Full text is also available at ebparks.org/MeasureFF.

**KAYAKING / BOATING**

Kayaking at Crab Cove: a flock of shorebirds and a surprised kayaker. This dock is the high tide refuge for many shorebirds that feast at the neighboring mudflats of Crab Cove.

**SUNSET & FULL MOON PADDLE**
Big Break Naturalist/Recreation Staff 3-5:30pm, Thu, Dec 20 \#22933; Paddle as the light of the setting sun and the rising moon sparkles on the waters of the Pacific Flyway on this longer kayak excursion. We will start off with dry land instruction then paddle our steady and stable tandem kayaks. Adult registration/participation required with registered children (ages 8-16yrs.). Fee: $40 (non-res. $44). Registration is required.

**FALL SUNDAY MORNING PADDLE**
MLK Shoreline Naturalist/Recreation Staff 7:30-10:30am, Sun, Nov 4 \#22971
Relish the beauty of a fall morning by kayak! We’ll set off in our stable tandem kayaks and explore the calm waters of San Leandro Bay. Kayaks, instruction and all associated safety gear provided. Ages 12+yrs. Adult registration/participation required with registered children (ages 12-18yrs.). Fee: $35 (non-res. $39). Registration is required.

**RECREATION**

**LLAMAS – MYSTICS OF ANDES**
Redwood LAMAS Outfitters 11am-2:30pm, Sat, Nov 10 \#23310; Sun, Nov 11 \#23314
The Quechua Andeans refer to llamas as ‘Speechless Brothers.’ Learn how to groom, feed, lead and interact positively with these specially trained llamas, under the guidance of Geo, a ‘Llama Michie,’ with over 25 years’ experience. Up to three people can share one llama, or reserve your own. Adult participation required for ages 8-17yrs. Fee: $80 per llama - 8 llamas max. per class (non-res. $88). Registration is required.

**ARCHERY - INTRODUCTION**
Redwood Bowmen 10am-noon, Sat, Nov 3 \#23269; 1:30-3:30pm, Sat, Nov 3 \#23270;
Gain 90-minutes of archery coaching and practice at an outdoor range, with all your equipment provided. Designed for the beginner, the class starts with 30 minutes of classroom instruction. 8+yrs. (adult supervision required for children ages 8-13yrs.). Fee: $50 (non-res. $56). Registration is required.

**FISHING – TROUT BASICS**
Various Parks Recreation Staff 8-10am, Sat, Nov 10 \#22991; Temescal; 8-10am, Sat, Dec 8 \#23261 Contra Loma; Join us for this peak season of trout! Learn specialized gear and bait selection to catch rainbow trout, one of the most plentiful freshwater species in our lakes and reservoirs. Ages 16+yrs require a valid California fishing license. Gear provided. Ages 8+yrs. Adult registration/participation required with registered children (ages 8-16yrs). Fee: $19 (non-res. $21). Registration is required.

**ARDEWOOD**

**AYDING BY KAYAK**
Big Break Naturalist/Recreation Staff 9am-12:30pm, Sun, Nov 11 \#22977
Come ply the welcoming and wondrous waters of the Pacific Flyway on this longer kayak excursion. We will start off with dry land instruction then paddle our steady and stable craft on a group exploration of this lovely, rich shoreline from end-to-end. Adult registration/participation required with registered children (ages 8-16yrs.). Fee: $40 (non-res. $44). Registration is required.

**ANIMAL FEEDING**
Ardewood Interpretive Staff 3pm, Thu through Sun in Nov & Dec (except Nov 22)
Check for eggs and bring hay to the livestock. Learn all the animals’ favorite foods as we help tuck them in for the evening. Meet at the Chicken Coop.

**RIDE THE RAILS - TRAIN RIDES**
Ardewood The Railroad Museum 10:15am-2:30pm, Thu, Fri, Sun, through Nov 18
Ride the rails once connected many of the farms with towns in the East Bay. Today they still run around the farm. Journey past rows of crops and through eucalyptus groves as you travel back in time. Check the daily schedule and meet the train at Ardenwood Station or Deer Park.

**PATTERSON HOUSE TOURS**
Patterson House Docents Various times, Every Thu-Sun, through Nov 11
Tour the beautifully restored Patterson House Museum. Discover the history of this 19-room Queen Anne Victorian farm house, listed on the National Register of Historic Places and operated as a museum of local history, and Victorian life. Tours are led by docents, dressed in 19th century clothing, and take about 45 minutes. Check for tickets at the Train Station upon your arrival. Additional fee on non-event Saturdays. Special 15-minute tours for children 6 and under offered Thu and Fri at 2:30pm, Sat and Sun at 11:30am.

**POLE WALKING & POLE HIKING**
Learning how to use poles helps walkers & hikers improve endurance, posture, balance, confidence and strength and enhances your enjoyment of the outdoors all year long. All levels focus on learning anatomically-optimal techniques to achieve your desired performance while learning how to avoid joint stress or strain. Carefully select the class that suits your physical ability and inclination. A variety of top quality poles are provided at all seminars. Beautiful hiking locations are based on the season/weather. Mobility class locations offer indoor training and lovely/easy pole walks for practice.

**HIKING POLES: BASIC SKILLS & TECHNIQUES**
Kennedy Grove Jayah Faye Paley 9am-1.30pm, Sat, Dec 8 \#23383
Comprehensive session helps hikers learn poles, trail and body skills. Beginner to experienced hikers learn techniques without the additional challenge of an afternoon practice hike. Uphill: Improve power, endurance, spine function. Downhill: Develop skills for feeling safer and preserving joints - Save your knees! Fee: $55 (non-res. $61). Registration is required.

**HIKING POLES: SKILLS & TECHNIQUES PLUS HIKE**
Redwood Jayah Faye Paley 9am-3pm, Sat, Nov 17 \#23384
Experience everything in the Basic Skills & Techniques morning class plus a lovely, practice hike. Learn individualized strategies for improving your trail performance and confidence. "Test drive" quality pole models; learn which poles fit you and will help you achieve your goals. Hike is approx. 4 miles. Fee: $65 (non-res. $73). Registration is required.

**POLES FOR WALKING AND MAINTAINING MOBILITY**
Coyote Hills Jayah Faye Paley 11am-3pm, Thu, Dec 6 \#23385
Easy-to-learn pole techniques and gentle exercises empower people to maintain independence, navigate everyday obstacles, reduce risk of falling, restore spine function, improve stamina and walking form. Strengthen muscles that support weight bearing joints. Optional lovely practice pole walk (approx. 1/3 mile). Special equipment provided.Fee: $45 (non-res. $49). Registration is required.
MONARCH SITE OBSERVER TRAINING
Ardenwood  Susan Ramos, Christina Garcia & Xerces Society
9:30am-2pm, Sat, Nov 3  #23021
You can help protect monarchs! Become a Community Scientist, trained by monarch experts to count and record observations (4+ times in 10 weeks) at one or more overwintering sites in the East Bay. Field practice in the morning, followed by in-depth classroom training. Ages 18+. Free. Registration is required. CGarcia@ebparks.org or (510) 544-3282.

BUTTERFLY SEARCH
Ardenwood  Christina Garcia
1-2pm, Sun, Nov 11, 18
Let’s go on a butterfly hunt! Somewhere on the farm the monarchs are settling into their winter home. Learn about their fascinating journey as we search the Eucalyptus groves.

RETURN OF THE MONARCHS
Ardenwood  Interpretive Staff
10:30am and 1:30pm, Fri, Nov 23, Sat Nov 24; Sun, Nov 25
For years hundreds of monarchs have gathered at Ardenwood every winter. Join a naturalist-led trek to their special place to see if they’ve returned, and learn how you can help these magnificent butterflies. Meet at the Greenhouse.

MONARCHS: POLLINATOR ROYALTY
Ardenwood  Interpretive Staff
10:30-11:30am, Sat, Dec 1, 15, 29; Sun, Dec 2, 9, 16, 23, 30; 1:30pm, Thu, Dec 6, 13, 20, 27; Fri, Dec 7, 14, 21, 28
Bees get all the buzz but did you know that butterflies are pollinators too? Discover how these fluttery creatures affect our surroundings while we admire their clusters and learn how to protect them. Meet at the Greenhouse.

MONARCHS FOR KIDS
Ardenwood  Interpretive Staff
12:30-1:30pm, Sat, Dec 1, 8, 15, 22, 29; Sun, Dec 2, 16, 30
Young children will enjoy an interactive program all about monarch eggs, caterpillars, chrysalises and butterflies. Then they’ll take a short hike to see these amazing insects’ life cycle in action. Meet at the Granary. (3-6 yrs.)

MARVELOUS MONARCHS
Ardenwood  Interpretive Staff
10:30am, Sat, Dec 8, 22; 1:30pm, Sat, Dec 29; 12:30-1:30pm, Sun, Dec 9, 23
Explore the amazing phenomena of migrating monarch butterflies through a slide presentation, and then visit their winter home in the eucalyptus grove. Find out how you can participate in monarch conservation! Meet at the Granary.

APPLE CIDER PRESSING
Ardenwood  Interpretive Staff
11:30am-noon, Sat, Nov 3
Come help squeeze the juice from apples and discover why this was once the most popular drink in America. Afterwards, taste a sample of our hard work.

WAKE UP THE FARM
Ardenwood  Interpretive Staff
10:30-11am, Sat, Nov 3; Sun, Nov 11
Rise and shine little farmers! Say “Good morning!” to the sheep and goats and lend a hand as we prepare a morning snack for the farm animals.

FELTED PUMPKINS
Ardenwood  Interpretive Staff
1-2pm, Sat, Nov 3; 1:30-2:30pm, Sat, Nov 17
Create some felted fall fun for your Thanksgiving dinner table with these woolly little pumpkins!

ROPE MAKIN’ AND HAY HOISTIN’
Ardenwood  Interpretive Staff
2-2:30pm, Sat, Nov 3; Sun, Nov 11
We’ll start by making rope the old-fashioned way – with our antique machine. Then we’ll use bigger ropes to help lift a bale of hay up into our barn’s loft.

FARM CHORES FOR KIDS
Ardenwood  Interpretive Staff
10:30-11am, Sun, Nov 4, 18, Sat, Nov 17
Running a farm is hard work. But it’s fun too! Lend a hand cracking corn and feeding the animals. You’ll check the chickens and help with other morning chores.

COOKING IN THE COUNTRY KITCHEN
Ardenwood  Interpretive Staff
11am-1pm, Sun, Nov 4, 11
Stop by the Country Kitchen and take a tasty step back in time! Discover how to cook with a wood-burning stove and sample the special of the day, be it savory or sweet. Pick up an historic recipe to try at home.

FALL FAMILY FARM HIKE
Ardenwood  Christina Garcia
1-2pm, Sun, Nov 4
Come along on a slow and easy stroll around the farm. See what changes the fall season brings to the land and the wild animals that make their homes here.

STILT WALKERS
Ardenwood  Interpretive Staff
2-2:30pm, Sun, Nov 4, 18
Want to be taller? Improve your balance? Give stilts a try. It’s fun! Guess why farmers used these fun tools in the past.

TODDLER TIME
Ardenwood  Interpretive Staff
10:30-11:45am, Wed, Nov 7, 28
Bring the tots out for an exciting morning at the farm. Hear a story, do some chores, and meet some farm friends. Little ones will enjoy a variety of activities at their own pace. We’ll meet rain or shine! After a break, we’ll be back again in 2019. (1-4 yrs.)

HEN’S LAY EGGS
Ardenwood  Interpretive Staff
10:30-11am, Sat, Nov 10
Bring the little ones to the farm to meet the chickens. We’ll listen to a story, see what a hen’s feathers feel like, and search the coop for eggs.

WALL’S THE BUZZ ABOUT BEES?
Ardenwood  Pia Loft
11am-noon, Sat, Nov 10
Join our team as we explore the wonderful world of fruits and vegetables and discover why bees are a farmer’s best friend.

CLOTHESPIN DOLLS
Ardenwood  Pia Loft
1-2pm, Sat, Nov 10
Create and dress up your own darling doll. We’ll make them out of clothespins just like Victorian inspired decorations and much more! Fee: Adults $7 in advance, $8 at the door, children (12 and under) Free. Fees include park admission. Register at regerec.com. Info: (510) 791-4196, rkienh@fremont.gov. Registration is required.

DAY TIME CHRISTMAS TOURS
Patterson House  Staff & Docents
11:30am, Noon, 1pm, 2pm & 3pm, Sat, Dec 1, 8, 15; Sun, Dec 2, 9 & 16
Begin your holiday season by seeing the historic Patterson House fully decorated for Christmas. Enjoy a docent-led Christmas tour highlighting Victorian inspired decorations and holiday traditions from the late 1800s.

WHAT’S THE BUZZ ABOUT BEES?
Ardenwood  Pia Loft
11am-noon, Sat, Nov 10
Join our team as we explore the wonderful world of fruits and vegetables and discover why bees are a farmer’s best friend.

CLOTHESPIN DOLLS
Ardenwood  Pia Loft
1-2pm, Sat, Nov 10
Create and dress up your own darling doll. We’ll make them out of clothespins just the way they did more than 100 years ago. Meet at the Granary.

GROWING A GREEN THUMB
Ardenwood  Pia Loft
1-2pm, Sat, Nov 17
Growing food is fun! Join us in our vegetable garden for hands-on practice while our farmer teaches us the tricks of the trade. Beginners and experts alike will have a great time growing their green thumb.

Registration information – register beginning September 25
www.ebparks.org/register or 1-888-327-2757 (1-888-EBPARKS), option 2

Fees include park admission. Register at regerec.com. Info: (510) 791-4196, rkienh@fremont.gov. Registration is required.

PATTISON HOUSE @ THE PATTERSON HOUSE
Patterson House  Staff & Docents
5-8:45pm, Fri, Dec 7  #23351
Put yourself in the holiday spirit by visiting our Christmas Open House with your chance to see the Patterson House fully decorated for the holidays. Enjoy live music, refreshments, Victorian inspired decorations and much more! Fee: Adults $7 in advance, $8 at the door, children (12 and under) Free.
CHOCOLATE: A STORY OF POWER, CULTURE, AND WONDER
Ardewood  Nicholas Fowlks
11am-noon, Sun, Nov 18
The rich history of chocolate is one of power, status, and wonder. Join us for an irresistible taste of chocolate’s tale all while sampling this nutritious treat.

VICTORIAN WINTER HOLIDAY DECORATIONS
Ardewood  Pia Loft
11:30am-12:30pm, Sat, Nov 24; 1:30-2:30pm, Sat, Dec 1, 15
Clove, oranges, ribbons, oh my! Learn about Victorian-era winter traditions and make decorations to take home and spread joy.

OJO DE DIOS
Ardewood  Christina Garcia & Pia Loft
11:30am-12:30pm, Sun, Nov 25; 1:30-2:30pm, Sat, Dec 8, 22
Yarn has been used for centuries to make decorations as well as clothing. Watch how fleece becomes yarn on our spinning wheel, try out a drop spindle and weave your own colorful ornament to hang for the holidays.

BIG BREAK
Big Break Visitor Center at the Delta is open Wed-Sun, 10am to 4pm. Info: (510)544-3050 or email BigBreakVisit@ebparks.org.

DELTA DISCOVERIES
Big Break  Interpretive Staff
11am-2pm, Every Sat & Sun
Discover the wonders of the Delta through hands on arts and crafts activities! Each week we will explore different wetland wonders.

TESTING THE WATER
Big Break  Interpretive Staff
9-10am, every Sat & Sun
Track the health of the Delta! Using state of the art instruments, we’ll test for dissolved oxygen, pH, conductivity, and more. Our results go into a regional database for use by researchers, scientists and water managers.

FALL FOLIAGE
Big Break  Interpretive Staff
2-3pm, Sat, Nov 3
Take in the Delta’s delightful colors of fall and learn about the trees in our park.

BIG BREAK LITTLES
Big Break  Cat Taylor
10-11am, Mon, Nov 5, Dec 17
Tue, Nov 6, Dec 18
Bring the little ones out to the park to explore nature. In November, we’ll have some fishy fun, and in December we’ll explore tricky tracks on the trail. 1-5yrs

COFFEE TALK & DELTA NEWS
Big Break  Interpretive Staff
8:30-9am, Wed, Nov 7
From tunnels to research projects, farming to fish stocks, the Delta is always in the news. Stop by the Visitor Center on the first Wednesday of each month (except Dec) for coffee and discussion of science and events shaping the region.

ROCKIN’ RACCOON
Big Break  Interpretive Staff
2-3pm, Sun, Nov 11
Scour the park for hints of these sneaky critters.

MACRO MAYHEM
Big Break  Interpretive Staff
2-3pm, Sat, Nov 17
Explore the incredible world of water bugs! Let’s collect and identify some plankton and macroinvertebrates to discover their important role in the wetland ecosystem.

DUNE DAY RESTORATION
Big Break  Cat Taylor
9-11am, Sun, Nov 18, Dec 9
Help restore a small piece of the dunes as we remove invasive weeds and re-establish native plants! Bring water, work gloves, hat, dress for the weather and prepare for general grubbiness.

MARSH CREEK SALMON STROLL
Creekside Park  Cat Taylor
1-4:30pm, Sun, Nov 18, Dec 9
For eons, chinook salmon have traveled through the Delta and up freshwater streams to complete their life cycle. Follow the path of salmon to a spawning area along Marsh Creek. 4 miles. Meet at Creekside Park in Oakley.

CURIOUS CORVIDS
Big Break  Interpretive Staff
2-3pm, Sun, Nov 25
Ravens, Crows, Scrub Jays, oh my! Fly on by to learn more about these crafty cousins.

WATERCOLOR LANDSCAPE
Big Break  Interpretive Staff
2-3pm, Sat, Dec 1
Step back in time: how could you capture a landscape without a camera or a phone? Let’s take in the scenery and get creative with watercolor paints.

OUR WONDERFUL WATERSHED
Big Break  Interpretive Staff
2-3pm, Sat, Dec 9
Why is the Delta Watershed important? From fish to fowl, plants to people, discover some of the profound impacts our Delta has on all of us!

CRITTER CLUES
Big Break  Interpretive Staff
2-3pm, Sat, Dec 15
Discover which animals roam our wetlands! Examine chewed branches, listen to bird calls and keep a look out for animal tracks as you become a Big Break critter detective.

AUDUBON CHRISTMAS BIRD COUNT WEEK!
Big Break  Cat Taylor
Sun, Dec 23
8-10:30am – Part I; 12-2pm – Part II
Beginning through advanced birders are welcome on this annual community science blitz week expedition to document every bird seen or heard. Bring binoculars, scopes, apps, field guides.

BE HERON TIME, YOU WON’T EGRET IT
Big Break  Interpretive Staff
2-3pm, Sun, Dec 23
Heron your own or with friends? The great blue heron and great egret call Big Break their home. Let’s take a look and learn how they do it!

THURSDAY BIRDING:
RAPTOR BASELINE
Various Parks  Mike Moran
9-11:30am, Dec 27 #23408 Marsh Creek-Cypress Staging Area
The morning (eastern) side of Mount Diablo hosts a magnificent array of birds of prey; hawks, falcons, eagles. Help us document their variety and numbers in this fun, social, citizen science research project.

No experience necessary – we’ll teach you how to identify these birds. We’ll meet at a different park on the last Thursday of each month (except November). Join in for one or all. Registration is required.

FARMING BELOW SEA LEVEL
Big Break  Interpretive Staff
2-3pm, Sat, Dec 29
Some of California’s most productive farms are sinking! Join us for a look into the past, present, and future of agriculture in the Delta region.

BLACK DIAMOND
Greathouse Visitor Center is open 10am-4:30pm, weekends March through November. Info: (510) 544-2750 or bdvisit@ebparks.org. Programs meet in parking lot at south end of Somersville Road unless otherwise noted. Parking fee: $5. Sidney Flat Visitor Center is open 10am-4:30pm, weekends, beginning in December. Info: (510) 544-2750.

HABITAT ATLAS SILICA-SAND MINE TOUR
Black Diamond  Interpretive Staff
Explore the recently extended underground tour route on a 1-hour, guided, small-group tour. Reservation tours offered at 10am (only for groups of 10-15), as well as 11am and 2pm. First-come, first-served tours offered at noon and 3pm. Additional first-come, first-served tours may be offered, when demand is high and staffing permits. Reserve in advance online or by phone. Day-of ticket sales available only at Greathouse Visitor Center, where tours begin. 7+ yrs. Fee: $5.

BLACK DIAMOND BLACK OAKS
Black Diamond  Kevin Dixon
3-6:45pm, Sat, Nov 3
Black oak, white oak, blue oak and even Oracle Oaks. Learn about their origin, lifestyles, and uses as we hike to the Oracle. 5 miles, steep in places. 10+yrs.

AUTUMN RAMBLE
Black Diamond  Eddie Willis
9am-1pm, Sun, Nov 4
Hike deep into the west end of the preserve to see Rose Hill Cemetery, Jim’s Place, and the most northerly stand of Coulter pines in the world. 6 miles, rugged. 12+yrs.

ROSE HILL REFLECTIONS
Black Diamond  Eddie Willis
10am-noon, Sun, Nov 11
Hike to a 19th-century cemetery to learn about the lives of coal mining families, how they worked the land, and how they supported each other through hardships. Rain cancels.

TRAILS CHALLENGE
Have you completed the 2018 Trails Challenge? There is still time! Choose a hike intensity to suit your fitness level, complete five featured trails, and submit your trail log by December 1. Go to http://www ebparks.org/TC to download the Guidebook, and to use the AllTrails app.

Complete the Challenge, return your Trail Log, and receive a commemorative pin (while supplies last).

Kaiser Permanente is a major sponsor of this program.
MINE OPEN HOUSE 🎯
Black Diamond Interpretive Staff
Noon-4:30pm, Sat, Nov 17
Check out the extended mine tour route on a free, self-guided tour starting at Hazel-Atlas Portal and ending at Great-house Portal. Activities for younger kids will be available above ground. 3-5 yrs.

LAKESIDE STROLL 🎯
Black Diamond Eddie Willis
10am-noon, Sun, Nov 18
Walk three miles around the lake looking for signs of autumn. Meet at Frederickson Lane on the Black Diamond/Contra Loma border. Rain cancels. 10+yrs.

ZOOM IN ON BLACK DIAMOND 🎯
Black Diamond Kevin Dixon
9:30-11:30am, Sat, Nov 24
Use hand magnifiers, binoculars, and microscopes to delve deeper into our natural world. Equipment and training provided.

SIGNS OF WINTER 🎯
Black Diamond Eddie Willis
11am-1pm, Sun, Nov 25
The rainy season returns to breathe new life into the land. Stop by the naturalist table to discover the latest signs of the season before you hit the trails.

NATURE DISCOVERIES 🎯
Black Diamond Interpretive Staff
10-11am, Every Sat in Dec
Learn what’s flying, crawling, or blooming in the park this season as we examine a different nature subject each week.

SNAKE FEEDING 🎯
Black Diamond Interpretive Staff
1:30-2pm, Sat, Dec 1
Our resident snakes are ready for a mouse-y meal. Learn how snakes and other ectotherms support our natural communities. Meet at Sidney Flat Visitor Center.

HISTORIC SOMERSVILLE 🎯
Black Diamond Interpretive Staff
1-2pm, Every Sun in Dec
Find local history in these hills, get to know miners’ tools, or go on a short walk to learn about life in a 19th-century mining town. Topics change weekly.

CHRISTMAS BERRY 🎯
Black Diamond Eddie Willis
10:30am-noon, Sun, Dec 16
A.K.A. toyon and California holly, this native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brightens our hillsides with natural holiday decor. Look for it and other native shrub brighten...
## November 2018

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### 1
- **Ardenwood:** Ride The Rails-Train Rides, Patterson House Tours, Animal Feeding
- **Big Break:** Big Break Littles
- **Roberts:** Hikes for Tykes

### 2
- **Ardenwood:** Ride The Rails-Train Rides, Patterson House Tours, Animal Feeding

### 3
- **Alameda Creek:** Bird Walk, Canine Capers Walk
- **Ardenwood:** Monarch Site Observer, Training, Wake Up The Farm, Apple Cider Pressing, Felted Pumpkins, Rope Makin’ And Hay Hoisín!, Animal Feeding
- **Big Break:** Testing The Water, Delta Discoveries
- **Black Diamond:** Autumn Ramble, Hazel Atlas Mine Tours
- **Coyote Hills:** Discovery Days, Cart of Curiosities
- **Tilden Nature Area:** Tracks and Scat, Fireside Stories, Sunday Nature Explore

### 4
- **Anthony Chabot:** Sunday Stroll
- **Ardenwood:** Ride The Rails-Train Rides, Farm Chores For Kids, Cooking In The Country Kitchen, Patterson House Tours, Fall Family Farm Hike, Silt Walkers, Animal Feeding
- **Big Break:** Testing The Water, Delta Discoveries
- **Black Diamond:** Autumn Ramble, Hazel Atlas Mine Tours
- **Brushy Peak:** Vasco Caves Regional Preserve Tour
- **Coyote Hills:** Discovery Days, Cart of Curiosities
- **Crown Beach:** Discovery Days, Nature Party-Bay Critters, Reptiles, Family Nature Fun Hour, Fish Feeding Time
- **Roberts:** Archery Introduction
- **Sunol:** Wild Wonders, Critter Crafts

### 5
- **Big Break:** Big Break Littles
- **Sunol:** Outdoor Discoveries: Colors of Fall
- **Tilden Nature Area:** Monday Birding

### 6
- **Ardenwood:** Birds At The Farm
- **Big Break:** Big Break Littles
- **Roberts:** Hikes for Tykes

### 7
- **Ardenwood:** Toddler Time
- **Big Break:** Coffee Talk & Delta News

### 8
- **Ardenwood:** Ride The Rails-Train Rides, Patterson House Tours, Animal Feeding

### 9
- **Ardenwood:** Ride The Rails-Train Rides, Patterson House Tours, Animal Feeding

### 10
- **Ardenwood:** Hens Lay Eggs, What’s The Buzz About Bees?, Clothespin Dolls, Animal Feeding
- **Big Break:** Testing The Water, Delta Discoveries

### 11
- **Ardenwood:** Ride The Rails-Train Rides, Wake Up The Farm, Cooking In The Country Kitchen, Patterson House Tours, Butterfly Search, Rope Makin’ And Hay Hoisín!, Animal Feeding
- **Big Break:** Testing The Water, Birding by Kayak, Delta Discoveries, Rockin’ Raccoon
- **Black Diamond:** Rose Hill Reflections, Hazel Atlas Mine Tours
- **Coyote Hills:** Ohlone Village Site Tour, Discovery Days
- **Crown Beach:** Storytime and Nature Fun, Family Nature Fun Hour, Fish Feeding Time
- **Del Valle:** Park ‘n Play
- **Redwood:** Going on a Critter Hunt, Llamas - Mystics of Andes
- **Sunol:** Maguire Peak Mysteries Hike, Wild Wonders, Critter Crafts
- **Tilden Nature Area:** The Rodent Architect in the Woods, Fireside Stories, Sunday Nature Explore

### 12
- **Briones:** “Monday Birding - Bear Creek”
- **Crown Beach:** Veteran’s Day Open House
- **Crown Beach:** Sea Squirts: Amazing Animal Adaptations
- **Don Edwards:** Weekday Bird Walk
- **Point Pinole:** The Over-The-Hills Gang
- **Ardenwood:** Ride The Rails-Train Rides, Animal Feeding

### 13
- **Crown Beach:** Third Thursdays at the Beach
- **Ardenwood:** Ride The Rails-Train Rides, Animal Feeding

### 14
- **Alameda Bay Trail:** Winter Beach Clean Up
- **Ardenwood:** Farm Chores For Kids, Growing A Green Thumb, Felted Pumpkins, Animal Feeding
- **Big Break:** Testing The Water, Delta Discoveries
- **Black Diamond:** Spring On Black Diamond, Hazel Atlas Mine Tours

### 15
- **Ardenwood:** Return Of The Monarchs, Animal Feeding
- **Contra Loma:** Contra Costa East
- **Coyote Hills:** Shadow Puppets: We’re Thankful
- **Crown Beach:** Post Thanksgiving Holiday

### 16
- **Crown Beach:** Nature Party-Bay Critters, Reptiles, Family Nature Fun Hour, Fish Feeding Time
- **Oyster Bay:** Saturday Stroll
- **Redwood:** Hiking Poles: Skills & Techniques Plus Hike
- **Sunol:** Natural Dyeing, Wild Wonders, Critter Crafts, Night Out
- **Tilden Nature Area:** Farm Chores For Littles, Where Does Our Food Come From

### 17
- **Ardenwood:** Birds In The Garden, Ride The Rails-Train Rides, “Chocolate: A Story Of Power, Culture, And Wonder”, Butterfly Search, Stilt Walkers, Animal Feeding
- **Big Break:** Dune Day Restoration!, Testing The Water, Delta Discoveries
- **Black Diamond:** Lakeside Stroll, Hazel Atlas Mine Tours
- **Coyote Hills:** Ohlone Village Site Open House, Discovery Days, Creekside Park Marsh Creek Salmon Stroll
- **Crown Beach:** Sift the Sand Beach Clean-Up, Storytime and Nature Fun, Family Nature Fun Hour, Fish Feeding Time
- **Del Valle:** Mud Fun and Sandy Shores
- **Sunol:** Finding the Fault!, Wild Wonders, Critter Crafts
- **Tilden Nature Area:** Easy Photography, Fireside Stories, Sunday Nature Explore

### 18
- **Miller/Knox:** Monday Birding
- **Shadow Cliffs:** Lakeside Littles
- **Sunol:** Take A Break in Nature: Turkey Time!

### 19
- **Coyote Hills:** Weekday Bird Walk
- **Redwood:** Hikes for Tykes
- **Sunol:** Take A Break in Nature: Wonderful World of Oaks

### 20
- **Crown Beach:** Birding for Kids
- **Las Trampas:** Wednesday Walks

### 21
- **Crown Beach:** Birding for Kids, Nature Party-Bay Critters, Reptiles, Family Nature Fun Hour, Fish Feeding Time
- **Contra Loma:** Contra Costa East
- **Coyote Hills:** Shadow Puppets: We’re Thankful
- **Crown Beach:** Post Thanksgiving Holiday
- **Redwood:** Burn The Turkey Hike
- **Sunol:** Holiday Gift Making! Nature Style, The Big Hike - Flag Hill to Cave Rocks

### 22
- **Alameda Bay Trail:** Butterflies and Seals
- **Ardenwood:** Return Of The Monarchs, Victorian Winter Holiday Decorations, Animal Feeding
- **Big Break:** Testing The Water, Delta Discoveries
- **Black Diamond:** Zoom In On Black Diamond, Hazel Atlas Mine Tours
- **Contra Loma:** Birds and Beats
- **Coyote Hills:** Discovery Days, Cart of Curiosities
- **Crown Beach:** Family Nature Fun Hour: Turkey Time, Fish Feeding Time
- **MLKing Jr. Shoreline:** Wildlife Volunteers - Shorebird Sanctuary
- **Sunol:** Wild Wonders, Critter Crafts

### 23
- **Ardenwood:** Thankful For The Bay Beach Cleanup
- **Coyote Hills:** Coyote Cubs - Give Thanks to Tule

### 24
- **Crown Beach:** Sea Squirts: Fabulous Fall Foliage
Regional in Nature

Round Valley: Vasco Caves Regional Preserve Tour
Sunol: Wild Wonders, Critter Crafts
Tilden Nature Area: Farm Chores For Littles, Gifts from the Earth

2 Ardenwood: Monarchs: Pollinatory Royalty, Day Time Christmas Tours @ The Patterson House, Monarchs For Kids, Animal Feeding
Big Break: Testing The Water, Delta Discoveries
Black Diamond: Historic Somersville
Coyote Hills: In Search of the Butterflies, Discovery Days, Ohlone People & Culture
Crown Beach: Storytime and Nature Fun, Family Nature Fun Hour, Fish Feeding Time
Del Valle: Winter Water Birding, Arroyo Road History Hike
Sunol: Wild Wonders, Critter Crafts
Tilden Nature Area: Fireside Stories, Sensory Hike, Take a Walk On the Wild Side

17 Big Break: Big Break Littles
Point Pinole: Monday Birding - Giant Road
Shadow Cliffs: Lakeside Littles

18 Anthony Chabot: Hikes for Tykes
Big Break: Big Break Littles
Tilden Nature Area: The Over-The-Hills Gang

21 Ardenwood: Monarchs: Pollinatory Royalty, Animal Feeding
Tilden Nature Area: Meet the Solstice Sun-Hike

22 Ardenwood: Marvelous Monarchs, Monarchs For Kids, Ojo De Dios, Animal Feeding
Big Break: Testing The Water, Delta Discoveries
Black Diamond: Nature Discoveries, Discovery Days
Coyote Hills: Omlone Village Site Tour, Discovery Days
Crown Beach: Holiday Traditions Open House, Family Nature Fun Hour, Fish Feeding Time
Sibley: After The Longest Night Sunrise Hike
Sunol: Wild Wonders, Critter Crafts
Tilden Nature Area: Farm Chores For Littles, Wooly Lamb, Hot Apple Cider

23 Ardenwood: Monarchs: Pollinatory Royalty, Marvelous Monarchs, Animal Feeding
Black Diamond: The Sandstone Road: Weeds, Historic Somersville
Coyote Hills: Discovery Days, Cordage Making, Winter Solstice and Moon Hike
Crown Beach: Storytime and Nature Fun, Family Nature Fun Hour, Fish Feeding Time
Sunol: Wild Wonders, Critter Crafts, Winter Wonderland Walk
Tilden: Sort of Solstice Walk
Tilden Nature Area: Fireside Stories, Water Water Everywhere

Coyote Hills: Raptor Rendezvous, Discovery Days, Ohlone People & Culture
Crown Beach: Storytime and Nature Fun, Buffalit Birding Bonanza, Family Nature Fun Hour, Fish Feeding Time
Del Valle: Winter Water Birding, Arroyo Road History Hike
Sunol: Wild Wonders, Critter Crafts
Tilden Nature Area: Fireside Stories, Sensory Hike, Take a Walk On the Wild Side

December 2018

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26 Crown Beach: Winter Beach Clean Up
27 Ardenwood: Monarchs: Pollinatory Royalty, Animal Feeding
Crown Beach: Songs and Stories by the Shore, Birding, Raptor Baseline
28 Ardenwood: Monarchs: Pollinatory Royalty, Animal Feeding
Crown Beach: Critter Crafts
29 Anthony Chabot: Jumpstart The New Year’s Resolution Hike
Ardenwood: Monarchs: Pollinatory Royalty, Monarchs For Kids, Marvelous Monarchs, Animal Feeding
Big Break: Testing The Water, Delta Discoveries, Farming Below Sea Level
Black Diamond: Nature Discoveries, Meet a Snake
Coyote Hills: “Snakes, Sstories and Spirals”, Discovery Days, Amazing World of Animal Senses
Crown Beach: Family Nature Fun Hour: New Year’s Beach Cleanup, Fish Feeding Time
Sunol: Wild Wonders, Critter Crafts
Tilden Nature Area: Farm Chores For Littles, Meet the Rabbits, Wool to Dye For

30 Ardenwood: Monarchs: Pollinatory Royalty, Monarchs For Kids, Animal Feeding
Big Break: Delta Discoveries, Testing The Water
Black Diamond: Coal Town Boom and Bust, Historic Somersville
Coyote Hills: Ohlone Village Site Tour, Discovery Days
Crown Beach: Almost New Years Resolution: Weed Warriors Unite!, Storytime and Nature Fun, Family Nature Fun Hour: New Year’s Beach Cleanup, Fish Feeding Time
Del Valle: Year’s End Hike, Winter Water Birding
Sunol: Wild Wonders, Critter Crafts
Tilden Nature Area: Fireside Stories

31 Coyote Hills: “Coyote Cubs - New Year, New Nature Journal”
**NORTH MARSH BIRD HIKE 🌟nicosw**
Coyote Hills  
Francis Mendoza  
8:30-10:30am, Sun, Nov 25  
Look for winter migrants, raptors, and maybe even a burrowing owl on this flat, easy hike. All levels of birding experience welcome. Bring water, sunscreen, and binoculars. Heavy rain cancels. 15+yrs.

**TULE EXPLORATIONS 🌟nicosw**
Coyote Hills  
Francis Mendoza  
12:30-2pm, Sun, Nov 25  
Tule has been used by Ohlones and their ancestors to make items such as boats, baskets, clothing, and houses. Discover this versatile plant and make something to take home with you. 8+yrs.

**WEAVING THE WETLAND 🌟nicosw**
Coyote Hills  
Dino Labiste  
9am-4pm, Sat, Dec 1 #23083  
Thread your way through the marsh as we spend the morning discovering plants in their home with you. 8+yrs.

**MARSH MADNESS 🌟nicosw**
Coyote Hills  
Francis Mendoza  
1-2pm, Sun, Dec 9  
Explore various adaptations owls have evolved to help them survive for these special birds. All levels of birding experience welcome. Bring water, sunscreen, and binoculars. Heavy rain cancels. 8+yrs.

**WINTER SOLSTICE AND MOON HIKE 🌟nicosw**
Coyote Hills  
Francisco Mendoza  
4:30-6:30pm, Sun, Dec 23  
Hike 2 miles to the village site a few days after the solstice and full moon while discussing indigenous peoples’ intimate relationship with the winter solstice and the moon. Heavy rain cancels. 18+yrs.

**CORDAGE MAKING 🌟nicosw**
Coyote Hills  
Francisco Mendoza  
1:30-2:30pm, Sun, Dec 23  
Cordage (string and rope) has been made all over the world by indigenous peoples in the past and present. Explore how Central California natives make string from plants and animals. 8+yrs.

**SSNAKES, STORIES, AND SSPIRALS 🌟nicosw**
Coyote Hills  
Dino Labiste  
9:30-11:30am, Sat, Dec 29  
Meet the snakes that make Coyote Hills their home. Learn about their unique adaptations and how these slithering reptiles have become part of our folklore. Create a snake spiral craft to take home.

**AMAZING WORLD OF ANIMAL SENSES 🌟nicosw**
Coyote Hills  
Dino Labiste  
2-4pm, Sat, Dec 29  
Imagine sticking your tongue out to smell the air, or tasting your dinner by walking on it. Sound strange? These are all part of how some animals sense their environment. Join us for activities and experiments as we learn about animal super senses.

**CRAB COVE 🌟nicosw**
Crab Cove Visitor Center is open Wed–Sun, 10am-4pm, and offers aquariums and exhibits about San Francisco Bay. For information about naturalist programs or other activities, call (510) 544-3187, or ccove@ebparks.org. We are open Veteran’s Day Monday for special Open House event, closed Thu, Nov 22 for Thanksgiving Holiday.

**POST-THANKSGIVING FUN 🌟nicosw**
Crab Cove  
Interpretive Staff  
10am-4pm, Fri, Nov 23  
Spend the day by the Bay with us! Watch live fish and crabs up close, make a nature craft, meet (and touch) our turtle or snake. 10:30am-noon: Learn about water and ocean creatures on our “big screen,” popcorn and cider served.

**CRAB WALK BY THE BAY 🌟nicosw**
Elsie Roemer Bird Sanctuary, Crown Beach  
Susan Ramos  
8:30-10:30am, Thu Dec 13  
Take a “peep” at the shorebirds this morning. Beginners welcomed and encouraged. Binoculars available for loan. Meet at the observation platform near the end of Broadway.

**MUDFLAT BIRDING BONANZA 🌟nicosw**
Elsie Roemer Bird Sanctuary, Crown Beach  
Michael Charnofsky  
1:30-3pm, Every Sat & Sun, Nov & Dec  
Get a close-up underwater look at our Bay, without getting wet, as we feed the fish and other critters in our tanks. Small groups welcome on weekdays by special request.
**HOLIDAY TRADITIONS OPEN HOUSE**
Crab Cove Interpretive Staff
10am-4pm, Sat, Dec 22
Take a break from the last-minute holiday hubbub and join us by the Bay for fun holiday traditions, stories and crafts in the company of fish, crabs and more.
10am-1pm: Drop-in Winter Crafts
10:30-11am: Holiday Storytime - Learn about different holiday and solstice traditions as we read together
2-3pm: Family Nature Fun – Let it Snow 3-3:30pm: Fish Feeding

**SONGS AND STORIES BY THE SHORE**
Crab Cove Morgan Dill
10:30-11:30am, Sat, Dec 8 & Thu, Dec 27
Gather together to hear tales and sing songs about worms, fungus, leaves and flowers, predators and prey and more! Enjoy an interactive hour of nature fun for the whole family.

**CRITTER CRAFTS**
Crab Cove Morgan Dill
2-4pm, Fri, Dec 28
Create an animal masterpiece of your own during this drop-in creation station. All materials provided. Bring your own imagination.

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**DEL VALLE**

All programs meet outside the Del Valle Visitor Center unless otherwise noted. Info: (510) 544-3146 or dvvisit@ebparks.org.

**STARGAZING AT DEL VALLE**
Del Valle Constance Taylor
5:30-7pm, Sat, Nov 10
Be dazzled by the constellations in the sky! See star clusters, nebulae, and more. Tri-Valley Stargazers will be there with telescopes. Bring flashlights and dress in layers. Meet at Arroyo Rd. staging area.

**PARK 'N PLAY**
Del Valle Ashley Grenier
10am-noon, Sun, Nov 11, Dec 9
Let’s play in the park! Bring your family and friends out for some fresh air, nature games, and wildlife exploration, rain or shine.

**MUD FUN & SANDY SHORES**
Del Valle Ashley Grenier
10am-noon, Sun, Nov 18 #23254
Lake levels lower in preparation of the winter rains, exposing the lake-shore and creek beds. Families with adventure seekers, and mud lovers will enjoy exploring the sand and mud. Registration is required.

**WINTER WATER BIRDING**
Del Valle Marina Ashley Grenier
1-3pm, Sun, Dec 16, 30
Join us as we look for resident and migrant waterbirds at the lake. We’ll observe and discuss their ways of life first-hand. All levels welcome!

**ARROYO ROAD HISTORY HIKE**
Del Valle Ashley Adams
10am-noon, Sun, Dec 16
Arroyo Rd. staging area - Wellness, wine, and wounded warriors have all left a mark along Arroyo Road in Livermore. Hike to the lake and discover the stories of this land’s historic past.

**YEAR’S END HIKE**
Del Valle Ashley Adams
9:30am-12:30pm, Sun, Dec 30
Marina - Hike alongside the lake as we reflect on 2018 and look toward the new year. We’ll discuss resolutions the park has made and what you can expect for the future of Del Valle.

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**SUNOL**

Unless otherwise noted, all programs meet at the Sunol Visitor Center, open weekends 10am-4pm. Info: (510) 544-3249 or svisit@ebparks.org.

**OUTDOOR DISCOVERIES**
Sunol Ashley Adams
10:30am-noon, Mon
**Nov 5: Colors of Fall #23212**
**Dec 10: Winter is Coming #23213**

Come explore the world around you in this hands-on preschool and home school nature series! We will discover, adventure and create in the outdoor classroom of Sunol. 4-8yrs. Registration is required.

**WILD WONDERS**
Sunol Interpretive Staff
11am-noon, every Sat and Sun in Nov & Dec
Wildness awaits! Discover the wonders of the wilderness through games, activities, and explorations. Great for families.

**CRITTER CRAFTS**
Sunol Interpretive Staff
12-3pm, every Sat and Sun in Nov and Dec
Get crafty, like a fox, as we learn all about the animal of the week. Stick around after our Wild Wonders program, or stop by after your hike.

**MAUGUIRE PEAK MYSTERIES HIKE**
Sunol Ashley Adams
10am-2pm, Sun, Nov 11 #23234
Welch Creek Rd. - Many mysteries surround the pointed peaks towering over the valley. From strange trees to seashells, discover clues from the past on this 5-mile trek through time. Registration is required.

**NIGHT OUT AT SUNOL**
Sunol Constance Taylor
5-6:30pm, Sat, Nov 17
Celebrate winter… in the dark! Go on a night hike, discover the nocturnal side of nature, and learn about things that glow in the dark. Bring a flashlight and wear layers.

**FINDING THE FAULT!**
Sunol Ashley Adams
10am-1pm, Sun, Nov 18
Whose fault? Why, the Calaveras of course! What is it, where is it, and how do I prepare for the quakes it creates? Discover this and more as we find the fault!

**TAKE A BREAK IN NATURE**
Sunol Ashley Adams
10:30am-noon
No school? No problem! Join us in the park for three days of nature, science and exploration during your Thanksgiving Break. Parent/caregiver participation required. 4-9 yrs.
Mon, Nov 19: Turkey Time
Tue, Nov 20: Wonderful World of Oaks
Wed, Nov 21: Wildlife Detectives

**THE BIG HIKE – FLAG HILL TO CAVE ROCK**
Sunol Constance Taylor
11am-2pm, Fri, Nov 23
Come enjoy a challenging 4.5-mile post-holiday hike to explore the fall landscape! Explore the signs of the season and discover migrating birds. Wear comfortable shoes and sun protection, bring water.

**WREATH MAKING AT THE BARN!**
Sunol Ashley Adams
10am-noon, Sun, Dec 9 #23315
Make a “living wreath” to celebrate the season. We’ll be using a variety of greenery from both native plants and holiday favorites. All supplies will be provided. 7+yrs. Registration is required.

**WINTER WONDERLAND WALK**
Sunol Ashley Adams
1-2:30pm, Sun, Dec 23
Winter is a wondrous time in the wilderness! Discover what animals and plants do to prepare for cold as we warm up with apple cider and walk the wintry trails.

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**HOLIDAY GIFT MAKING! NATURE STYLE**
Sunol Interpretive Staff
11am-3pm, Fri, Nov 23
Skip the mall and come to a crafty extravaganza in the park! We’ll have materials and instructions to make beautiful leaf ornaments, feather pens, and plant-printed paperweights.

**LOOKIN’ FOR LICHEN**
Sunol Constance Taylor
10am-noon, Sat, Dec 8
Aphothecia, symbiosis, photobiont; words describing what happens when algae and fungi become BFFs, are just as magical as the organisms! We’ll saunter through these enchanting hills to discover their mysteries.

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**CRITTER CRAFTS**
Sunol Constance Taylor
10am-noon, Sun, Dec 9 #23308
Let’s dye fabric using native plants (some from the grocery store)! We’ll take a walk to learn about botany and the dyeing process. Then dye something to take home. Registration is required.

**CRITTER CRAFTS**
Sunol Constance Taylor
11am-3pm, Sun, Nov 17 #23308
Let’s dye fabric using native plants (some from the grocery store)! We’ll take a walk to learn about botany and the dyeing process. Then dye something to take home. Registration is required.

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**INTERPRETIVE SERVICES**

Alien Grove Naturalist and a group of hikers look for signs of the season in Sunol Regional Wilderness.
TILDEN NATURE AREA

The Environmental Education Center is open Tue-Sun, 10am-4:30pm. The Little Farm is open daily. Info: (510) 544-2233 or tnarea@ebparks.org.

FARM CHORES FOR LITTLES
Tilden Nature Area Interpretive Staff
10:30-11am, Every Sat in Nov & Dec
Little children will enjoy taking care of the little animals at the Little Farm. Meet at the rabbit hutch for a variety of age appropriate activities.

FUN WITH FELT
Tilden Nature Area Trail Gail
2-3pm, Sat, Nov 17
Leaf to flower, truck to store, eco health is at the core. Find out how much energy is required to transport our favorite foods to your door.

EASY PHOTOGRAPHY
Tilden Nature Area Anthony Fisher
10am-noon, Sun, Nov 18 & 25
Walk a loop trail and document the adventure with phone or camera. Tips and ideas shared.

GIFTS FROM THE EARTH
Tilden Nature Area Brianna Contaxis-Tucker
2-3pm, Sat, Dec 1
Celebrate earth’s offerings. Fill your home with autumn herbs by creating sweet-smelling packages for yourself or loved ones.

MUD, MUD GLORIOUS MUD
Tilden Nature Area Trail Gail
10:30-11:30am, Sun, Dec 2
Let’s stomp in the mud! It’s fun AND it’s good for your health! We’ll make some mud pies, see if our mood changes.

JOLLY HOLLY CRAFT TIME
Tilden Nature Area Trail Gail
1-3pm, Sun, Dec 2
The trails are decked with different types of holly – fa la la, la la la, la la la. Let’s take a quick walk, and then work on a craft to deck your own halls.

WOOZY LAMBS
Tilden Nature Area Jenna S. Collins
Noon-1pm, Sat, Dec 8 & 22
Ever wonder what a sheep’s wool feels like? Come meet our flock then make your own mini sheep from their wool to take home.

HOT APPLE CIDER
Tilden Nature Area Jenna S. Collins
3-4pm, Sat, Dec 8 & 22
Cold winter days call for a hot treat! Meet at the visitor center and learn how we press fresh apples into a delicious drink.

NATURE RAMBLE
Tilden Nature Area Trail Gail
10-11am, Sun, Dec 9
Come explore the Nature Area with a Naturalist. We’ll take a walk down to the lake, looking for signs of the local wildlife.

ACORN ORNAMENTS
Tilden Nature Area Trail Gail
1-3pm, Sun, Dec 9
Learn to felt while making this easy acorn. But don’t forget to thank the sheep. They gave us their coat for this wet and wooly craft.

FUN WITH FelT
Tilden Nature Area Jenna S. Collins
Noon-1pm, Sat, Dec 15
Come find out how we can turn sheep’s wool into cloth! Practice your hand at wet felting and make your own felted creation.

CHORES FOR LITTLE GARDENERS
Tilden Nature Area Jenna S. Collins
3-4pm, Sat, Dec 15
Come see what’s happening in the garden for little gardeners. Meet at the Kids’ Garden.

TAKE A WALK ON THE WILD SIDE
Tilden Nature Area Trail Gail
9am-noon, Sun, Dec 16
Trek to the top of the world. We’ll climb Wildcat Peak, watch for wildlife and experience our connection to the rest of the bay area. Bring water and snacks.

SENSORY HIKE
Tilden Nature Area Trail Gail
2-3pm, Sun, Dec 16
Awaken your five senses and your imagination while you explore outdoors.

MEET THE SOLSTICE SUN-HIKE
Tilden Nature Area Trail Gail
6:15-8:30am, Fri, Dec 21
Rise with the sun, on this early morning hike. We meet at the Nature Center and hike to the peak in hopes of greeting the solstice sun. BYOC – Bring your own Coffee! And flashlight. 8+ yrs.

WATER WATER EVERYWHERE
Tilden Nature Area Trail Gail
2:30-3:30pm, Sun, Dec 23
Our world is wet, let’s go out and play! Check out ponds, and lake, to look for life.

MEET THE RABBITS
Tilden Nature Area Jenna S. Collins
Noon-1pm, Sat, Dec 29
How do rabbits eat? Sleep? How does their fur feel? Discover these and other hoppin’ facts as we meet some of our rabbits! Meet at the rabbit hutch.

WOOL TO DYE FOR
Tilden Nature Area Jenna S. Collins
3-4pm, Sat, Dec 29
Unlike video games, you can’t shear a green sheep to get a green sweater! Discover how people create color from natural ingredients then dye yarn using modern pantry staples.

OTHER PARKS

BIRD WALK
Alameda Creek Kristina Parkison
8-10am, Sat, Nov 3
The Bay Area bursts with bird life! New and experienced birders alike join us as we discover patterns of behavior, migration, and habitat. 8+ yrs. Meet at Niles Staging Area. Info: (510) 544-3220.

CANINE CAPERS WALK Kristina Parkison
1-3pm, Sat, Nov 3 #22980
The restorative effect of spending time outdoors with a friend, furry or otherwise, is well-known! Join this monthly adventure to nurture our inner and outer-selves by exploring and learning about the natural world around us as we hike park trails. 8+ yrs. Meet at Niles Staging Area. Registration is required.

VASCO CAVES REGIONAL PRESERVE TOUR Kristina Parkison
Interpretive Staff
1:30-2:30pm, Sat, Nov 3 #22994, Dec 2
This hike travels through windswept land which is sacred to local California Indian communities and a refuge for golden eagles, fairy shrimp, and tiger salamanders. The Preserve is only accessible through Vasco Caves Regional Preserve Tour. Registration is required.

MONDAY BIRDING
Various Parks Anthony Fisher
9am-noon, Mon, Nov 5, 12, 19, Dec 3, 10, 17
Fall and winter birding for all in hiding and squall with learning of color and call.

MEET THE SOLSTICE SUN-HIKE
Tilden Nature Area Trail Gail
6:15-8:30am, Fri, Dec 21
Rise with the sun, on this early morning hike. We meet at the Nature Center and hike to the peak in hopes of greeting the solstice sun. BYOC – Bring your own Coffee! And flashlight. 8+ yrs.

Supervising Naturalist James Wilson leading Junior Rangers on a creek and pond study at Jewel Lake, Tilden.

GOING ON A CRITTER HUNT
Redwood  Morgan Dill
10am-noon, Sun, Nov 11
Salamanders, ladybugs, rainbow trout, creepy crawly and other friends are waiting to be uncovered and discovered on our exploration of the wetland life. Meet in the Canyon Meadow Staging Area. Info: (510) 544-3187.

WEEKDAY BIRD WALK
Various Parks  Francis Mendoza
7:30-9:30am, Tue, Nov 13 (Don Edwards), Dec 4 (Hayward Shoreline), Dec 11 Quarry Lakes (meet at Isherwood Staging Area)
Sharpen your enthusiasm for bird life on a tranquil walk through various Bay Area parklands! All levels of birding experience welcome. Bring water, sunscreen, and binoculars or scopes. 12+yrs. Info: (510) 544-3220.

THE OVER-THE-HILLS GANG
Various Parks  Trail Gail
10am-12:30pm, Tue, Nov 13, Dec 4 & 18 Hikers 55 years and older interested in nature study, history, fitness, and fun are invited to join this series of monthly excursions exploring the Regional Parks.

Nov 13: Point Pinole – Atlas Staging Area. Mostly flat with an explosive past. Dec 4: Tilden – Inspiration Point, for this mostly flat, mostly paved walk. Dec 18: Tilden Nature Area – We'll explore the Tilden Nature Area, then celebrate the end of the year with a potluck lunch; bring something to share.
Info: (510) 544-2233.

LAKESIDE LITTLES
Shadow Cliffs  Ashley Grenier
10-11am, Mon, Nov 19, Dec 17 11:30am-12:30pm, Mon, Nov 19, Dec 17 Bring your little ones out and discover nature. Each month we'll explore a trail, look at bugs, search for birds, and much more. Let's get outside! Parent/caregiver participation required. 1-3yrs. Info: (510) 544-3249.

CONTRA COSTA EAST
Contra Loma  Kevin Dixon
10am-noon, Fri, Nov 23
Stop by to learn about outdoor opportunities at Contra Loma and Black Diamond, as well as other nearby Regional Parks. Meet at Redwing Picnic Area. Info: (510) 544-2750.

Habitat Means Home

BURN THE TURKEY HIKE
Redwood  Susan Ramos
10am-noon, Fri, Nov 23
It’s time to work off your holiday meal! This 2.5-mile winter walk helps burn the calories and feed the soul. Enjoy the steep, forested slopes of the West Ridge, Tres Sendas, and Stream trails. Heavy rain cancels. Meet at Skyline Gate. Info: (510) 544-3187.

BIRDS AND BEAKS
Contra Loma  Virginia Delgado
Nov-1:30pm, Sat, Nov 24
This place is for the birds! Stop by our table to learn how local birds hunt, in water and in the sky, at this abundant buffet. Meet at the Swim Lagoon. (3+yrs). Info: (510) 544-2750.

MINERS OLD-TIME HOLIDAY CELEBRATIONS
Antioch Community Center  Virginia Delgado
2:30pm, Sat, Dec 8
Get to know holiday traditions from the homelands of coal miners who migrated to this area in the mid-1800s. Celebrate and make holiday crafts with family and friends. (3+yrs). Info: (510) 544-2750.

WILLLOW PRUNING & GATHERING
Quarry Lakes  Dino Labiste
2-4:30pm, Sat, Dec 8
Get an introduction to Ohlone land management techniques, then apply those methods to increase the health, extent, and habitat potential of a lakeside willow patch. Help us gather willow for use in next year's cultural programs at Coyote Hills. 16+yrs. Meet in the parking lot behind kiosk. Info: (510) 544-3220.

FRENCH BROOM REMOVAL/RESTORATION PROJECT
Redwood  Staff
9am-1pm, 1st Sat of the month. 9:30am-1:30pm, 2nd Sun of the month. Help remove invasive French Broom at various locations in the park. Tools, protective equipment and snacks will be provided. Please call (510) 544-3127 or email redwood@ebparks.org to confirm meeting location as this can vary from month to month. Rain cancels the event.

ALMOST NEW YEAR’S RESOLUTION: WOOD WARRIORS UNITE!
Crab Cove  Michael Charnowsky
10:30am-12:30pm, Sun, Dec 30
Resolve to help Crab Cove's native plant and butterfly gardens by pulling out noxious weeds and beautifying the landscape! Bring a friend. Snacks, hot cider, and tools provided. Constant rain cancels.

THE COSUMNES RIVER HOSTS ONE OF THE GREAT MIGRATORY SPECTACTLES ALONG THE PACIFIC FLYWAY. SPEND THE AFTERNOON觀ING WATERFOWL AND RAPTORS BEFORE OBSERVING THE EVENING FLY-IN AT SUNSET. REGISTRATION IS REQUIRED.
WINTER BEACH CLEAN UP
Various Parks Interpretive Staff 10-11:30am, Sat, Nov 17; Sat, Dec 1; Wed, Dec 26; Fri, Dec 28; Winter storms wash up unusual items! Enjoy some fresh air and help clean the beach. Bring buckets and gloves or borrow ours. Students earn community service hours. Info: (510) 544-3187.
Sat, Nov 17: Encinal Beach in Alameda
Sat, Dec 1: Crab Cove Visitor Center
Wed, Dec 26: Crab Cove Visitor Center
Fri, Dec 28: Encinal Beach in Alameda

SIFT THE SAND BEACH CLEAN-UP Crab Cove Interpretive & Recreation Staff 10am-noon & 1-3pm, Sun, Nov 18 #23041
Deep clean our beloved beach with special filters that attract the tiny plastics polluting our bay and beyond. We’ll work in teams with all tools provided. Sign up for one or both shifts, lunch provided. 8+ years. Registration is required.

THANKFUL FOR THE BAY BEACH CLEANUP
Encinal Beach Morgan Dill 10-11:30am, Sun, Nov 25
Show thanks for the shore by cleaning up the beach and searching for interesting items that have been washed up. Bring your own gloves and bucket or borrow ours. Info: (510) 544-3187.

WILDLIFE VOLUNTEERS

SHOREBIRD SANCTUARY
ML King Jr. Shoreline Doc Quack 10:30am-12:30 pm, Sat, Nov 24 #23381
An exciting adventure over land and water awaits you! Come create nesting habitat for the threatened Western Snowy Plover. Help move bulk sand and shells, pull weeds, thereby crafting ideal/idyllic courtship conditions for breeding plovers, avocets and stilts. By participating, you’ll earn your “Shorebird Sanctuary” patch. Physical labor is involved with this project. Parent participation required. Deadline to sign-up is Nov 16.

Directions: In Oakland, take Hwy 880 north or south to Hegenberger Road in Oakland. West on Hegenberger Road to Pardee Drive. Right on Pardee Drive to Swan Way. Left on Swan Way to park entrance. Meet at King Fisher Picnic Area parking lot.
Wear outdoor clothing (long pants), hiking boots (close-toed footwear), gloves, hats, water, and sunscreen.

SATURDAY & SUNDAY STROLLS HPHP
Various Parks Interpretive Staff 10am-noon, Sun, Nov 4, Dec 2, & Sat, Nov 17, Dec 2
Wade up and walk into nature. Each week we will explore a different park and the natural wonders within. Hikes range from 1-5 miles. Great for families. Dogs welcome on most hikes.

Info: (510) 544-3187.
Nov 4: Anthony Chabot Regional Park (Bort Meadow) Travel 2.5 miles on this moderate hike through a creek side valley, watching for cows, birds of prey and green grass.

Nov 17: Oyster Bay Regional Shoreline (Neptune Drive) Observe wildlife in this shoreline park during the outgoing tide on this 3-mile loop.

Dec 2: Redwood Regional Park (Canyon Meadow Staging Area) Hike 4 miles with some steep hills while viewing ladybugs, mushrooms, and beautiful landscapes.

Dec 15: Huckleberry Botanic Regional Preserve (Huckleberry Staging Area) Explore this floristic wonderland on a 1.7-mile hike in the verdant green brought by winter rains (we hope!).

HIKES FOR TYKES HPHP
Various Parks Interpretive Staff 10:30-11:45am, Tue, Nov 6, 20 & Dec 4, 18
Enjoy some nature before naptime with your young child! Join naturalists as they take you over hill and dell to explore the fabulous flora and fauna of the Regional Parks. Tools for exploration will be provided. Hikes average about 1 mile. Bring a snack. Strollers are not recommended for most hikes. Rain cancels. Info: (510) 544-3187.
Nov 6: Roberts Regional Recreation Area (Main entrance, lower parking lot)
Nov 20: Redwood Regional Park (Canyon Meadow Staging Area)
Dec 4: Oyster Bay Regional Shoreline (Neptune Drive)
Dec 18: Anthony Chabot (Bort Meadow)
**How to Register • Fee Payment**

**Many programs do not require registration.** Simply join the instructor at the location indicated in the program description. Call the phone number listed for further information.

**For programs that indicate “Registration is required,”** register by calling 1-888-EBPARKS (1-888-327-2757), option 2, or by calling the number listed.

**ONLINE registration** is available if the program title displays this symbol: Go to www.ebparksonline.org. When registering online, use the course code printed next to the program date(s).

**WALK-IN:** Come to the District Headquarters between 8:30am and 5pm Mondays through Fridays. We are located at 2950 Peralta Oaks Court in Oakland, next to the Dunsmuir House and south of the Oakland Zoo off I-580. See map below.

**BY PHONE:** Phone registration requires a VISA or Mastercard. The Reservations Office is open between 8:30am-4:00pm Mondays through Fridays (closed weekends and holidays). Call 1-888-EBPARKS (327-2757) and select option 2. TRS Relay for the Hearing Impaired: 7-1-1.

**BY MAIL:** Call the Reservations Office at 1-888-EBPARKS (327-2757) option 2, to request a mail-in registration form. Registration is payable by check only up to 15 days before the program.

**FEE PAYMENT:** Fees must be paid in full at the time of registration. Fees may be paid by money order, VISA, Mastercard, cash, or pre-printed check for walk-in registration. Make checks payable to EBRPD. Programs registered in the parks may be paid for by check up until the day of the program if space is available. Returned checks will be charged a $25 Returned Check charge. **Non-resident fees** apply to anyone living outside Alameda or Contra Costa counties. Parking or park entrance fees may be charged depending on program time and location. Ardenwood entrance fees vary depending on the event or activity. Confirm all fees when registering for a program.

**CANCELLATION POLICY:** REFUNDS/TRANSFERS: Refunds or transfers will be processed for programs canceled because registration is below the minimum enrollment at the cutoff date, or if a program is canceled due to inclement weather or instructor illness. Please allow up to three weeks for receipt of refund. CANCELLATION POLICY: At least five business days advance notice is necessary for a full refund. Failure to notify the Reservations Office at least five business days in advance of your cancellation will result in forfeiture of the program fee. The Reservations Office is open Monday through Friday. The last day to cancel a Saturday or Sunday program is the prior Monday.
Celebrate a Victorian-style Christmas at a beautifully restored Queen Anne mansion

**Christmas at the Patterson House**

- More than 20 decorated Christmas trees
- Victorian-style holiday ornaments
- Tours (included in park admission): Sat. & Sun, Dec. 1-2, 8-9, and 15-16.
- Holiday Open House (with live music and refreshments): Fri., Dec. 7, 5-8:45 p.m. $7/advance, $8 at the door, 12 yrs & under FREE.
- Info: 510-791-4196 or rkiehn@fremont.gov

**ARDENWOOD HISTORIC FARM**

34600 Ardenwood Blvd., Fremont (Hwy 84, east of the Dumbarton Bridge)

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**East Bay Regional Park District**

You can be **1 in a MILLION**

National funding for parks and environmental initiatives has been reduced. The Regional Parks Foundation is stepping in to raise funding to support our East Bay Regional Parks!

We invite you to join the cause with an investment of $21/mo. or $250 a year! Together this community of 4,000 donors will raise $1 Million dollars annually to...

- Preserve open space
- Restore wetlands
- Expand trail network for green transportation
- Increase environmental education and much more...

Join today. Visit us online at: RegionalParksFoundation.org/M1L or call 510-544-2202

**A BELOVED EAST BAY FAMILY TRADITION AT THE HISTORIC 1911 CAROUSEL**

**Christmas at the Carousel**

**TILDEN PARK MERRY-GO-ROUND, BERKELEY**

Santa and his Elves! • Unique Ornaments • Bread Cookies • Hot Chocolate and Gingerbread • Christmas Trees

Visit the Candyshop for a Tasty Treat!

November 23 to December 23

11/23-12/23, Sat & Sun: noon-8:30 p.m.

Mon-Fri: 11/26-12/14, 4-8:30 p.m.; 12/17-12/21, 2-8:30 p.m.

The carousel is closed Christmas Eve and Christmas Day

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**LOVE YOUR PARKS...**

Share your love for the Regional Parks with a friend or family member with a gift of membership this holiday season.

Give the gift that lasts all year. We will send a Gift of Membership package to you or directly to the recipient.

Please call or email 510-544-2220 or Membership@ebparks.org by December 8 to ensure timely delivery for the holidays.

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**GIVE THE GIFT OF MEMBERSHIP**

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