



# ROSEVILLE UTILITY EXPLORATION CENTER

An environmental learning center for explorers of all ages.

## GREEN LIVING GUIDE

Spring - Fall 2020



## WHAT'S INSIDE?

- Special Events
- Workshops
- Group Tours
- School Programs



# Building on the past, *securing water for our future*



Since purchasing a private water company back in early 1900s, Roseville has continued its track record of comprehensive water planning to maintain the quality, reliable services customers have grown to expect.

In the face of water supply challenges related to changing weather conditions and increasingly stringent state regulations, we have embarked on the Roseville Water Future Initiative – a proactive, comprehensive planning effort to diversify water supplies and maintain a high level of reliability for years to come.

Although Roseville’s water supplies are more reliable than many California communities, factors creating uncertainty over how much water we can use are growing. We are controlling our own destiny, much like those before us, to ensure our community continues to thrive.

To learn more about our planning efforts and what’s to come, visit: [roseville.ca.us/waterfuture](http://roseville.ca.us/waterfuture)

**Our water. Our future. Your utility.**



## WELCOME TO THE ROSEVILLE UTILITY EXPLORATION CENTER

**We’re committed to** teaching sustainability in the home, school, and community. Join us and discover new ways to save water, maximize energy savings, reduce waste, and protect the watershed.

Jointly funded and operated by the Roseville Electric Utility and Environmental Utilities departments of the City of Roseville, the Utility Exploration Center takes you inside the systems that make the city work. By supplying electricity, drinking water, and recycled water and providing wastewater management, watershed protection, and waste services, our partner utilities provide Roseville residents and businesses with reliable, affordable, safe, and clean utility services.

**EXPLORE WITH US.**  
**TOGETHER WE CAN BUILD A SUSTAINABLE COMMUNITY!**



# 2020 CALENDAR

**The Roseville Utility Exploration Center** offers a variety of activities for the whole family: workshops, special events, school field trips, utility tours, preschool playgroups, and other guided tours throughout the year. Each program builds on the investment of Roseville's Utilities in the community. All events are hosted at the Utility Exploration Center (1501 Pleasant Grove Blvd. in Mahany Park) unless otherwise noted. Registration is required for all courses with a code.

Date	Workshops and Events	Hours	Code	Price
<b>APRIL</b>				
4	Garden Faire @ Maidu Community Center	9 a.m. - 3 p.m.	—	FREE
7	Electric Utility Billing/Program Help Drop-in @ Civic Center	9 a.m. - 1 p.m.	—	FREE
8	Preschool Playgroup	10 a.m. - noon	—	FREE
15	Energy Efficiency at Home Workshop @ Maidu Community Center	6 - 7:30 p.m.	00014640	FREE
16	Roseville Utilities Earth Night @ Woodcreek Golf Course	5:30 - 8 p.m.	—	FREE
17	Wastewater Treatment Plant Tour	9 - 11 a.m.	—	FREE
21	Plug in to EVs Workshop	6 - 7:30 p.m.	00019849	FREE
25	Landscape Design Boot Camp	10 a.m. - noon	00019902	FREE
28	Going Solar Workshop	6 - 7:30 p.m.	00014632	FREE
<b>MAY</b>				
9	Composting and Vermicomposting Workshop	10 a.m. - noon	00014634	\$6 - 8
13	Preschool Playgroup	10 a.m. - noon	—	FREE
15	Wastewater Treatment Plant Tour	9 - 11 a.m.	—	FREE
16	Mulch Mayhem ( <a href="http://roseville.ca.us/mulchmayhem">roseville.ca.us/mulchmayhem</a> )	9 a.m. until gone	—	FREE
<b>JUNE</b>				
11	Big Trucks Summer: Garbage Trucks @ Mahany Park	9 - 11 a.m.	—	FREE
13	How to Handle Garden Pests Workshop	10 a.m. - noon	00018750	\$6 - 8
16	Going Solar Workshop @ Maidu Community Center	6 - 7:30 p.m.	00018790	FREE
18	Big Trucks Summer: Electric Line Trucks @ Mahany Park	9 - 11 a.m.	—	FREE
20	Energy Efficiency at Home Workshop	10 - 11:30 a.m.	00018787	FREE

# 2020 CALENDAR



Date	Workshops and Events	Hours	Code	Price
<b>JULY</b>				
9	Big Trucks Summer: Camera & Vector Trucks @ Mahany Park	9 - 11 a.m.	—	FREE
16	Big Trucks Summer: Vector & Dump Trucks @ Mahany Park	9 - 11 a.m.	—	FREE
17	Basic Drip Irrigation Workshop	10 a.m. - noon	00018762	\$6 - 8
<b>AUGUST</b>				
8	Irrigation 101: System Fundamentals Workshop	10 a.m. - noon	00018781	\$6 - 8
14	Energy Efficiency at Home Workshop @ Downtown Library	10:30 a.m. - noon	00018793	FREE
<b>SEPTEMBER</b>				
12	Changing Irrigation: Lawn Removal Workshop	10 a.m. - noon	00018782	\$6 - 8
16	Going Solar Workshop @ Maidu Community Center	6 - 7:30 p.m.	00018797	FREE
22	Energy Efficiency at Home Workshop	6 - 7:30 p.m.	00018799	FREE
26	Going Solar Workshop	10 - 11:30 a.m.	00018801	FREE

- Family Events
- Community Programs
- Gardening Workshops
- Free Preschool Programs

# FAMILY EVENTS

## FREE FAMILY FUN FOR ALL AGES!

**Our action-packed events give your family** the opportunity to dive deeper into everything our Center has to offer! We welcome explorers of all ages to drop by and discover the ways our daily decisions impact the world around us. No registration necessary.



# FAMILY EVENTS

## BIG TRUCKS SUMMER

FREE EVENT

4 Thursdays in June and July • 9 - 11 a.m.

All events held in Mahany Park, 1501 Pleasant Grove Blvd.

**Keep on truckin' with Big Trucks Summer!** Sit behind the wheel of our big utility trucks and imagine what it would be like to provide reliable utility services to the City of Roseville. Each event features truck demonstrations, games, and activities for truck lovers of all ages.

### June 11 - Garbage Trucks

Electronics, batteries, paper, and food waste - where does it all go? Here come the garbage trucks to handle the dirty work! You'll be razzle dazzled as they show you what they each can do. To top it off, they'll be crushing furniture and crushing it good!

### June 18 - Electric Line Trucks

Whoa! That bucket truck keeps climbing high up into the sky as our linemen make sure the power stays on in the City of Roseville. Use their tools and equipment to see what it's like to fix the line yourself. Experience what happens when a Mylar balloon gets tangled in the power lines. It's a shocker!

### July 9 - Camera and Vector Trucks

Blast that clog! How does our Wastewater crew keep our sewer pipes running smoothly? They use high tech equipment to monitor what's going on under the ground and bring out the vector truck when they need to clear a blockage. Can you hit the spinning target with their water gun?

### July 16 - Vector and Dump Trucks

Slurp, slurp, slurp goes the vector truck as it sucks up dirt to reach the water pipes. Our Water Utility team will unload a mountain of sand, slurp some up, then leave some sand behind for you to hop on top and have some fun!

**PLEASE NOTE: All Big Trucks Summer events will be held behind the Utility Exploration Center in Mahany Park, 1501 Pleasant Grove Blvd. There are many parking lots in the area. Plan to arrive early and visit [roseville.ca.us/familyfun](http://roseville.ca.us/familyfun) for parking locations.**

# PRESCHOOL PROGRAM

## PRESCHOOL PLAYGROUP

Wednesday, April 8 • 10 a.m. - noon  
Wednesday, May 13 • 10 a.m. - noon

FREE EVENT

**Enjoy a creative playspace** for you and your child. Bring your little one to our Preschool Playgroup and they'll stay busy as they learn through play. Created specifically with preschoolers in mind, our hands-on, age-appropriate activities provide an opportunity to socialize with new friends and have fun discovering the utilities of Roseville.

*Drop in free any time from 10 a.m. - noon, no registration necessary.*



Master Gardeners of Placer County  
and Roseville Utilities present

# Garden Faire

## FREE GARDENING EVENT

**Keep your landscape healthy, beautiful, and water-wise.**

Drop in for hands-on demos, gardening info, talks by experts, crafts for kids, food trucks, door prizes, and more!

**Saturday, April 4, 2020**

9:00 a.m. to 3:00 p.m.

Maidu Community Center  
1550 Maidu Drive, Roseville

FREE ADMISSION

**Come grow with us!**

<http://pcmg.ucanr.org>  
(530) 889-7388



# GREEN GARDENING

Follow these key seasonal tasks to keep your landscape healthy, beautiful, and water-wise. All workshops are hosted at the Utility Exploration Center (1501 Pleasant Grove Blvd. in Mahany Park) unless otherwise noted. Please register in advance for our Green Gardening Workshops. Space is limited, and classes fill quickly.

## For more information or to register for workshops

Call us at **(916) 746-1550** or visit [roseville.ca.us/gardeningworkshops](https://roseville.ca.us/gardeningworkshops).

### LANDSCAPE DESIGN BOOT CAMP

Saturday, April 25 • 10 a.m. - noon

FREE EVENT

Course Code 00019902

**It's time for Spring Training!** Meet us in our Exploration Garden and grow along with us as we march through the steps of our landscape renovation. We're starting from scratch and covering all the basics - how to start a landscape design, site function and priorities, plant selection, efficient irrigation options, and Roseville's resources for you!

Being an active participant in this creative endeavor will help you look at your own landscape with fresh, new eyes. We will be walking the site, so wear comfortable shoes and come ready to learn how to produce a healthy and attractive landscape. This is the first in a series of Exploration Garden workshops. Stay tuned for more as we plan, develop, and build a beautiful, easy-care garden right here on the grounds of Mahany Park.



# GREEN GARDENING

### COMPOSTING & VERMICOMPOSTING WORKSHOP

Saturday, May 9 • 10 a.m. - noon

\$6 | \$8

Course Code 00014634

**It can be easy and fun** to transform food scraps and household waste into nutrient-rich soil. Composting reduces waste sent to the landfill, helps you create your own free fertilizer, and saves water. Learn the basics for both backyard composting and vermicomposting (composting with worms). Discussion will include getting started, equipment, care, and using your compost. Participants can receive a free backyard compost bin if desired. Bins are large and require a truck, van, or SUV to transport.



### MULCH MAYHEM

Saturday, May 16 • 9 a.m. • [roseville.ca.us/mulchmayhem](https://roseville.ca.us/mulchmayhem)

FREE EVENT

**It's this simple: mulch saves water.** It protects plants, enriches soil, controls weeds, and refreshes the look of your landscape. And we're giving it away for free! Mulch Mayhem is designed to help Roseville residents prepare their yards for the hot days of summer. Bring an open truck or trailer with tarps to cover and we'll use a front-loader to deposit the mulch in the back.

- City of Roseville residents only
- Open truck or trailer only
- No handfill option
- Limit one yard per customer/per vehicle
- First come, first-served until supplies are gone

For more details, visit [roseville.ca.us/mulchmayhem](https://roseville.ca.us/mulchmayhem) or call (916) 774-5761.

# GREEN GARDENING



## HOW TO HANDLE GARDEN PESTS WORKSHOP

Saturday, June 13 • 10 a.m. - noon

\$6 | \$8

Course Code 00018750

**Are garden pests bugging you?** Learn about pest management methods that won't harm you or the environment. Encourage beneficial insects to visit your garden. Decipher pesticide and herbicide labels and discuss insect, rodent, and bird control.



# GREEN GARDENING

## DO-IT-YOURSELF IRRIGATION WORKSHOPS

July - September • 10 a.m. - noon

\$6 | \$8

PER CLASS

**City of Roseville Water Efficiency experts** are offering summer irrigation workshops to help you save water and understand your irrigation system. Pick your favorite or attend them all. Pre-registration is required.

**Each class : \$6 Roseville residents | \$8 non-residents**

### Friday, July 17 - Basic Drip Irrigation

Course Code 00018762

Drip, drip, drip the right way in this hands-on workshop taught by water efficiency experts. Learn about equipment and installation for both retrofits and new landscapes. Get the full history and evolution of conventional drip irrigation systems and how they can help you save water and money.

### Saturday, August 8 - Irrigation 101: System Fundamentals

Course Code 00018781

Not everyone is familiar with how irrigation systems work or how to maintain and repair them. If we just described you, you've come to the right place. Welcome to Irrigation 101! During the long, hot summer days, your landscape may need some extra tender loving care to stay healthy and thrive throughout the season. We can help you keep your outdoor investments looking good all summer long.

### Saturday, September 12 - Changing Irrigation: Lawn Removal

Course Code 00018782

Tired of your water-thirsty lawn? Want efficient and cost effective ways to successfully remove it? Our Water Efficiency experts are here to help. They will showcase ideas for landscape design; easy, do-it-yourself turf removal; and how to save money with Roseville's Cash for Grass rebate.

**For more information or to register for workshops**

Call us at **(916) 746-1550** or visit [roseville.ca.us/gardeningworkshops](http://roseville.ca.us/gardeningworkshops).

# COMMUNITY PROGRAMS

**Your Roseville Utilities are dedicated** to educating residents about efficiency and new technology at workshops, tours, and special events. All events are hosted at the Utility Exploration Center (1501 Pleasant Grove Blvd. in Mahany Park) unless otherwise noted. Please register in advance as space is limited.

## For more information or to register for workshops

Call us at **(916) 746-1550** or visit [roseville.ca.us/adultworkshops](http://roseville.ca.us/adultworkshops).



## ELECTRIC UTILITY BILLING/PROGRAM HELP

Tuesday, April 7 @ Civic Center • 9 a.m. - 1 p.m.

## FREE DROP-IN

**Get personalized, one-on-one help** from utility billing staff and energy efficiency experts. Our trusted advisors can answer questions about utility billing, programs, and rebates. They'll be available to assist you with:

- Applying for rate assistance programs
- Applying for rebates
- Billing, including how to sign up for online bill pay
- Signing up for your home energy report
- Energy efficiency tips and tricks

*Drop-in at the Civic Center, 311 Vernon Street. No registration necessary.*

# COMMUNITY PROGRAMS

## ENERGY EFFICIENCY AT HOME WORKSHOPS

Wednesday, April 15 @ Maidu • 6 - 7:30 p.m.

Saturday, June 20 • 10 - 11:30 a.m.

Fri., Aug. 14 @ Dwnntn. Libr. • 10:30 a.m. - noon

Tuesday, September 22 • 6 - 7:30 p.m.

## FREE CLASS

Course Code 00014640

Course Code 00018787

Course Code 00018793

Course Code 00018799

**There are easy ways to save energy** around your home. Get more bang for your buck with energy efficiency projects that have a big impact. Your Trusted Home Energy Advisor will present a series of steps to help you identify ways to save energy and money in this hands-on workshop.

*April 15 workshop will be held at Maidu Community Center, 1550 Maidu Drive.*

*August 14 workshop will be held at the Downtown Library, 225 Taylor Street.*



## ROSEVILLE UTILITIES EARTH NIGHT

Thursday, April 16 • 5:30 - 8 p.m.

Woodcreek Golf Course, 5880 Woodcreek Oaks Blvd.

## FREE EVENT

TICKET REQUIRED

**It's the 50th anniversary of Earth Day** this year, and we are celebrating by hosting a family-friendly event. Learn about programs and services to help you reduce your impact to the environment, and talk with experts on topics such as energy efficiency, water, solid waste, and electric vehicles. We encourage you to learn about ways you can make positive changes in your utility usage to benefit the future of our planet. Spend the evening with us - we will have lawn games, a band, and fun activities. Food and drinks will be available for purchase. Small steps lead to big change.

*Tickets are available through Eventbrite. Visit [roseville.ca.us/earthnight](http://roseville.ca.us/earthnight) to register.*

# COMMUNITY PROGRAMS



## WASTEWATER TREATMENT PLANT TOUR

Friday, April 17 • 9 - 11 a.m.

Friday, May 15 • 9 - 11 a.m.

Pleasant Grove Wastewater Treatment Plant

FREE TOUR

**Flush the toilet, wash your clothes,** and find out where the water goes. Our Wastewater Utility treats millions of gallons of water daily as it leaves Roseville homes and businesses and is returned to local creeks or is used to water parks and streetscapes. Register for our award-winning wastewater treatment plant tour and get a behind-the-scenes look at the processes that keep the water moving and the environment healthy. Tour length is about one mile. Must be at least 12 years old to attend.

To register for a tour, visit [roseville.ca.us/planttours](http://roseville.ca.us/planttours).

# COMMUNITY PROGRAMS

## PLUG IN TO EVs WORKSHOP

Tuesday, April 21 • 6 - 7:30 p.m.

FREE CLASS

Course Code 00019849

**Is an electric vehicle (EV) the right choice** for you? Join us for an overview of electric vehicle basics before making this very important decision. Topics include what to know before buying or leasing; the difference between all-electric and plug-in hybrid EVs; EV charging (home, work, and public space); and the environmental, economic, and personal benefits of owning an electric vehicle.

## GOING SOLAR WORKSHOPS

Tuesday, April 28 • 6 - 7:30 p.m.

Tuesday, June 16 @ Maidu • 6 - 7:30 p.m.

Wednesday, Sep. 16 @ Maidu • 6 - 7:30 p.m.

Saturday, September 26 • 10 - 11:30 a.m.

FREE CLASS

Course Code 00014632

Course Code 00018790

Course Code 00018797

Course Code 00018801

**Sometimes you save with solar, sometimes you don't.** If you're curious about installing solar on your home, get the facts before you take that next step. Your Trusted Energy Advisor will present information on solar technology and installation, the importance of installing energy efficiency first, what to know before you buy, and purchasing options.

*June 16 and September 16 workshops will be held at Maidu Community Center, 1550 Maidu Drive.*



**For more information or to register for workshops**

Call us at (916) 746-1550 or visit [roseville.ca.us/adultworkshops](http://roseville.ca.us/adultworkshops).

# FIELD TRIPS AND GROUP TOURS



## GROUP TOURS ALL YEAR LONG

We offer a variety of tours for both children and adults. We welcome any group. Our tours range in length from one to two hours and focus on a number of topics. Programs include:

- School Field Trips
- Youth Groups
- Girl Scouts
- Adult Activity Groups
- Afterschool Programs
- Exhibit Hall Tours

Minimum charges apply to groups smaller than 10.

For information or to register for school and group tours

Call us at (916) 746-1550 or visit [roseville.ca.us/explore](http://roseville.ca.us/explore).

## Book Your Tour Online

Visit [roseville.ca.us/explore](http://roseville.ca.us/explore) and go to "School Programs" or "Group Tours" to fill out the registration form.

Sign up today to help guarantee your first choice of date and time!



# PLANET PROTECTORS



## PLANET PROTECTOR SCHOOL PROGRAMS

Help your students join our team of Planet Protectors! The Utility Exploration Center is an environmental learning center supported by the City's utility departments with programming focused on energy efficiency, watershed protection, water efficiency, and waste reduction.

Each program is grouped by grade (Kindergarten, 1st-3rd, 4th-6th) to offer age-appropriate exploration in our exhibit hall and technology lab. All field trips to the Roseville Utility Exploration Center are correlated to **California Content Standards** as well as **Next Generation Science Standards** and **Common Core Standards**. Pre and post activities are available online for each class.

Chaperones encouraged - no additional charge. Field trips are FREE for Roseville schools!



## Program Costs (per student)

- \$3.50 Exhibit Hall Tours (1 hour)
- \$3.50 Kindergarten Programs (1 hour)
- \$4.00 1st-3rd Grade Programs (1.5 hours)
- \$4.50 4th-6th Grade Programs (2 hours)

Field trips are FREE for Roseville schools! This includes transportation costs/bus fees. See website for details.

# SCHOOL PROGRAMS



## KINDERGARTEN PROGRAM

*1 hour program*

Join our interpreters for a guided experience where students are encouraged to explore at their own pace. Kindergarteners will participate in a variety of conservation-related activities, hands-on games, group exploration, and more.

## 1<sup>ST</sup> - 3<sup>RD</sup> GRADE PROGRAMS

*Includes 45 minute curriculum-based activity and 45 minute exhibit hall tour.*



**POWER PATROL**  
*Energy Efficiency*



**STUFF BUSTERS**  
*Waste Reduction*



**HYDRO HEROES**  
*Water Efficiency*



**WATER WARRIORS**  
*Watershed Protection*

# SCHOOL PROGRAMS



## FREE ADD-ON

**Zero-Waste Lunch Dump**  
*Allow 30 minutes*

Bring your lunches, then we will sort your trash and show you how to create a zero-waste lunch.

## 4<sup>TH</sup> - 6<sup>TH</sup> GRADE PROGRAMS

*Includes 1 hour curriculum-based activity and 1 hour exhibit hall tour.*



**ELECTRON FLOW**  
*Energy Efficiency*



**ELEMENTS OF WASTE**  
*Waste Reduction*



**H<sub>2</sub>OWN**  
*Water Efficiency*



**KEEPIN' IT CLEAN**  
*Watershed Protection*

# VOLUNTEER WITH US



**Help make a difference in your community!** We are looking for volunteers who have a love for learning and sharing ideas, a passion for living sustainably, and a commitment to helping others. Make new friends, showcase your creativity, and share your passion in a fun and stimulating environment.

## Visitor Center - Outreach - Customer Service

Introduce the community to the wonders of the Exploration Center.

## Special Events

Join in the fun of interacting with visitors and families.

## Interpretive Docents

Help young minds grow and guide student exploration.

## Teen Volunteers

Gain experience and grow your leadership and communication skills.

## For more information about our volunteer program

Call us at (916) 746-1550 or visit [roseville.ca.us/uecvolunteers](http://roseville.ca.us/uecvolunteers).

# OUR RELIABILITY POWERS INNOVATION

At Roseville Electric Utility, we have a history of reliability and innovation.

Now, more than ever, we are working to light a path for the future.

From community solar, to increased renewable generation, to electric vehicles, we are charging ahead.



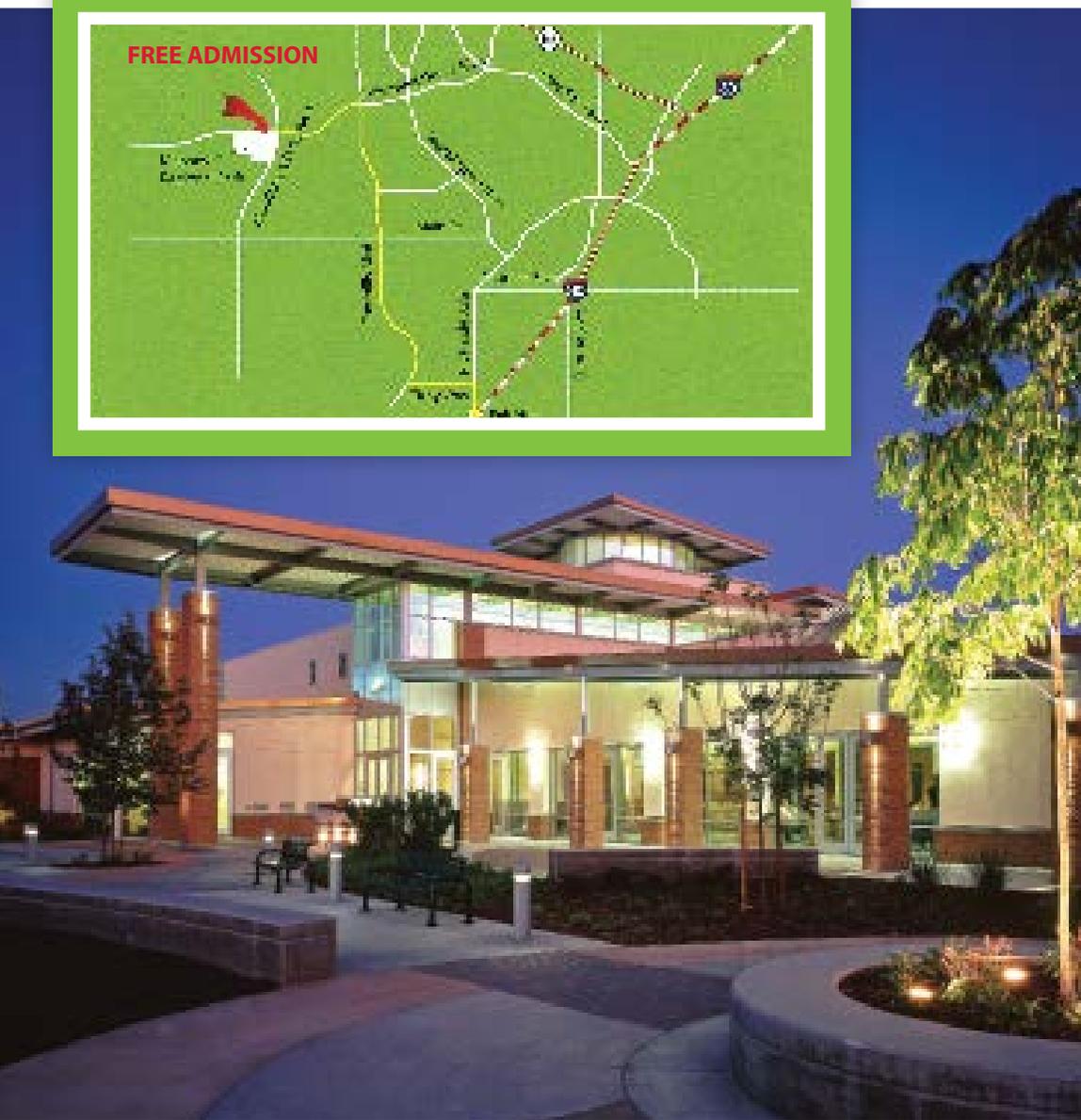
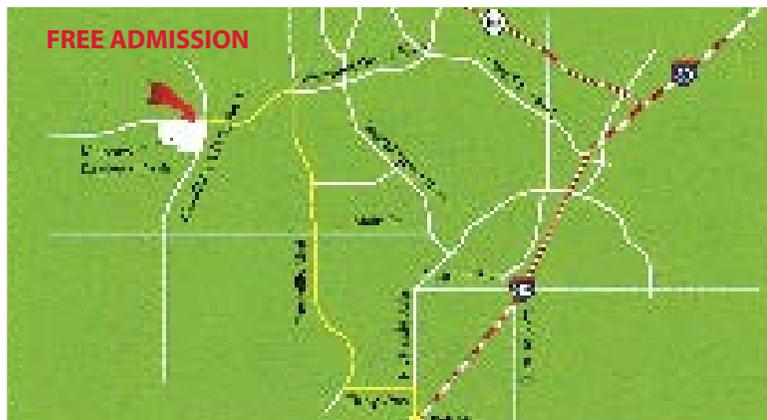
## Roseville Utility Exploration Center

1501 Pleasant Grove Blvd.

Roseville, California 95747

(916) 746-1550 | [roseville.ca.us/explore](http://roseville.ca.us/explore)

**FREE ADMISSION**



10 a.m. - 5 p.m.

Tuesday - Saturday

Closed Sunday and Monday

**FREE ADMISSION**

**STAY CONNECTED**



[facebook.com/RosevilleExplorationCenter](https://facebook.com/RosevilleExplorationCenter)

[twitter.com/Uki\\_Exploration](https://twitter.com/Uki_Exploration)

[instagram.com/RSVL\\_Explore](https://instagram.com/RSVL_Explore)

[roseville.ca.us/explore](http://roseville.ca.us/explore)