



ROSEVILLE UTILITY EXPLORATION CENTER
An environmental learning center for explorers of all ages.

GREEN LIVING GUIDE

Fall '19 - Spring '20



WHAT'S INSIDE?



- Special Events
- Workshops
- Group Tours
- School Programs





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 solid 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!

More Powerful together

Find out ways we can help, visit roseville.ca.us/energyadvisor or give us a call at 79-POWER (916-797-6937)



2019 CALENDAR

In addition to our award-winning school programs and guided group tours, the Utility Exploration Center offers workshops, special events, fun family drop-ins, and other activities throughout the year. From water-wise gardening workshops taught by Placer County Master Gardeners and City of Roseville's Water Efficiency experts and solar and energy efficiency workshops taught by Roseville Electric Utility's Trusted Advisors to free preschool programs and exciting community events, we offer a variety of activities for the whole family. Each program builds on the investment of Roseville's Utilities in the community. Come explore with us!

For more information or to register for workshops

Call us at (916) 746-1550 or visit us online at roseville.ca.us/explore.

Date	Workshops and Events	Hours	Code	Price
SEPTEMBER				
10	Energy Efficiency for Renters Workshop	6 - 7:30 p.m.	00009792	FREE
11	Preschool Playgroup	10 a.m. - noon	—	FREE
14	Digging into Drip Irrigation Workshop	10 a.m. - noon	00010134	\$6 - 8
21	Pruning with Purpose Workshop	10 a.m. - noon	00013854	\$6 - 8
25	Electric Utility Billing/Program Help Drop-in @ Maidu Community Center	10 a.m. - 1 p.m.	---	FREE
OCTOBER				
4	Wastewater Treatment Plant Tour	9 - 11 a.m.	—	FREE
9	Preschool Playgroup	10 a.m. - noon	—	FREE
12	Planting with CA Natives Workshop	10 a.m. - noon	00013844	\$6 - 8
16	Energy Efficiency at Home	6 - 7:30 p.m.	00013855	FREE
26	Count Watts' Spooktacular	10 a.m. - 2 p.m.	—	FREE
NOVEMBER				
1	Wastewater Treatment Plant Tour	9 - 11 a.m.	—	FREE
9	Soil and Compost: Perfect Partnership Workshop	10 a.m. - noon	00013845	\$6 - 8
12	Home for the Holidays Exhibit and Scavenger Hunt begins Nov. 12 - Jan. 4	10 a.m. - 5 p.m.	—	FREE
13	Preschool Playgroup	10 a.m. - noon	—	FREE
DECEMBER				
11	Preschool Playgroup	10 a.m. - noon	—	FREE
25	Closed for Holidays: Dec. 25 - Jan. 1			

2020 CALENDAR

Date	Workshops and Events	Hours	Code	Price
JANUARY				
8	Preschool Playgroup	10 a.m. - noon	—	FREE
11	Pruning with Purpose Workshop	10 a.m. - noon	00014609	\$6 - 8
18	Fruit Tree Care Workshop	10 a.m. - noon	00014611	\$6 - 8
21	Green Gardener at Home 8-week series begins	6:30 - 8:30 p.m.	00014613	\$55 - 65
22	Pruning with Purpose Workshop	6 - 8 p.m.	00014612	\$6 - 8
FEBRUARY				
1	Bird and Bug Bonanza	10 a.m. - 2 p.m.	—	FREE
8	Totally Tomatoes Workshop	10 a.m. - noon	00013847	\$6 - 8
12	Preschool Playgroup	10 a.m. - noon	—	FREE
12	Fruit Tree Care Workshop	6 - 8 p.m.	00014620	\$6 - 8
MARCH				
11	Preschool Playgroup	10 a.m. - noon	—	FREE
14	Growing Summer Veggies Workshop	10 a.m. - noon	00014624	\$6 - 8
20	Wastewater Treatment Plant Tour	9 - 11 a.m.	—	FREE
24	Your Tree, Your Place Workshop	6 - 8 p.m.	00014631	\$6 - 8
28	Irrigation Tune-Up Workshop	8 - 10 a.m.	00014629	FREE
28	Irrigation Tune-Up Workshop	10:30 a.m. - 12:30 p.m.	00014630	FREE
APRIL				
8	Preschool Playgroup	10 a.m. - noon	—	FREE
15	Energy Efficiency at Home @ Maidu Community Center	6 - 7:30 p.m.	00014640	FREE
17	Wastewater Treatment Plant Tour	9 - 11 a.m.	—	FREE
28	Your Trusted Solar Advisor Workshop	6 - 7:30 p.m.	00014632	FREE

-  Family Events
-  Community Programs
-  Gardening Workshops
-  Free Preschool Programs
-  Special Holiday Program

FAMILY EVENTS

FREE FAMILY FUN FOR ALL AGES!

Our action-packed family 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

COUNT WATTS' SPOOKTACULAR

FREE EVENT

Saturday, October 26 • 10 a.m. - 2 p.m.

Count Watts is serving up some free, electrifying fun as we fight Voltage Vampires and knock out energy waste at this spectacular family event! Take a thrilling walk through the Phantom Energy House to hunt down those electronics that steal power when you're not looking. Find out how to stop those power-suckers!

Wander through our mad scientist's laboratory to experience some hair-raising experiments. Find all the owls hidden throughout the building to win a prize that will light up the night. Play games like the Lineman's Challenge and Voltage Vampire Knockdown to win even more exciting prizes. Give Count Watts a high five, enjoy spirited activities, and get your face painted. Come in costume for a spooky good time!



FAMILY EVENTS

BIRD AND BUG BONANZA

Saturday, February 1 • 10 a.m. - 2 p.m.

FREE EVENT

A little bird told us that Bird and Bug Bonanza is the bee's knees! Buzz on in to our free, family event and you can talk to some live birds and bugs too.

Flow down the storm drain on a journey to explore Cruddy Creek. Make your way through the indoor creek crawl and discover what belongs and what doesn't. Get to know some of the insects that help keep our ecosystem healthy. Peer through our microscopes to check out pond scum and hold red wigglers right in your own hands. What can you learn from these fascinating bugs?

Head to the game room to win prizes, get your face painted, and have some fun learning how to keep our creeks and streams hopping with life!



PRESCHOOL PROGRAM



PRESCHOOL PLAYGROUP

Second Wednesday of the month • 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.

UPCOMING DATES

September 11, 2019
October 9, 2019
November 13, 2019
December 11, 2019
January 8, 2020
February 12, 2020
March 11, 2020
April 8, 2020
May 13, 2020



GREEN GARDENING

Follow these key seasonal tasks to keep your landscape healthy, beautiful, and water-wise. Our gardening workshops are taught by Placer County Master Gardeners, City of Roseville Water Efficiency staff, and other industry experts. All workshops are hosted at the Utility Exploration Center (1501 Pleasant Grove Blvd. in Mahany Park) unless otherwise noted. Most class fees are \$6 for Roseville residents and \$8 for non-residents, though some workshops have higher fees to cover material costs. 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.



DIGGING INTO DRIP IRRIGATION

Saturday, September 14 • 10 a.m. - noon

\$6 | \$8

Course Code 00010134

Installing a new watering system or converting your lawn? Drip is where it's at! This hands-on workshop will give you the skills to successfully build and maintain a functioning drip system. Our instructors will teach you how to convert sprinklers to drip, make repairs to your current system, or even start from scratch.

GREEN GARDENING

PRUNING WITH PURPOSE

Saturday, September 21 • 10 a.m. - noon

Saturday, January 11 • 10 a.m. - noon

Wednesday, January 22 • 6 - 8 p.m.

\$6 | \$8

Course Code 00013854

Course Code 00014609

Course Code 00014612

Properly pruning your trees has many benefits - from improving the health and beauty of your trees to maintaining the safety of your property. Local arborists will share their expertise on the purpose and proper techniques of pruning. Learn about cutting tools and identify where and how to make pruning cuts in this hands-on workshop.



PLANTING WITH CALIFORNIA NATIVES

Saturday, October 12 • 10 a.m. - noon

\$6 | \$8

Course Code 00013844

California native plants have spent centuries adapting to our region's growing conditions. Their benefits are plentiful - they take less work and need less water. Native plants improve soil, use fewer pesticides, and support beneficial insects. Find out how to add these beauties to your garden. We'll also cover drought-tolerant options.

GREEN GARDENING



SOIL AND COMPOST: PERFECT PARTNERSHIP

Saturday, November 9 • 10 a.m. - noon

\$6 | \$8

Course Code 00013845

Soil is the foundation of all things green, and healthy soil prevents pests, promotes drought tolerance, and provides nutrients to your plants. This workshop will introduce the basics of backyard composting, the positive effects that compost has on the soil, and how compost benefits your garden.

FRUIT TREE CARE

Saturday, January 18 • 10 a.m. - noon

Wednesday, February 12 • 6 - 8 p.m.

\$6 | \$8

Course Code 00014611

Course Code 00014620

You know when to pick and enjoy that delicious fruit, but do you know how to choose, plant, tend, and prune your fruit tree? Local tree experts will teach you how to grow great fruit from planting to harvest. Learn about keeping your fruit trees beautiful and productive with proper pruning.

GREEN GARDENING

GREEN GARDENER AT HOME 8-WEEK SERIES

Tuesdays, Jan. 21 - Mar. 10 • 6:30 - 8:30 p.m.

\$55 | \$65

Course Code 00014613

Improve the health and beauty of your landscape while making the most of your time and money in our eight week gardening series. We'll show you how to conserve water, increase drought-resilience, and reduce pesticide use and green waste.

Classes are taught by Master Gardeners and landscape professionals who use up-to-date, environmentally-friendly practices. Whether you've got a large or small landscape, class topics will cover the information you need to know.

Space is limited and this series fills quickly. Pre-registration is required.

Class topics include:

- Designing new and updating existing landscapes
- Gaining the most out of rainwater
- Making efficient irrigation easy
- Improving your soil's health
- Selecting the right plants and reducing pruning
- Composting and mulching
- Managing those pesky pests
- Fertilizing for optimum health
- Irrigating your lawn efficiently



"Amazing amounts of resources and events!

Loved the goodies! Loved the speakers!

Would attend again! Thank you!"

- 2018 Green Gardener at Home attendee

For more information or to register for workshops

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

GREEN GARDENING

TOTALLY TOMATOES

Saturday, February 8 • 10 a.m. - noon

\$6 | \$8

Course Code 00013847

This class is dedicated to one of our summer favorites, the tomato! Learn about planting, growing, and caring for this delicious staple as well as how to control problems before they happen. Let us help you grow the ultimate tomato - firm and juicy, sweet and tangy.

GROWING SUMMER VEGGIES

Saturday, March 14 • 10 a.m. - noon

\$6 | \$8

Course Code 00014624

Warm season vegetables, such as peppers, corn, melons, and cucumbers, require both warm soil and high temperatures to grow and produce fruit. Let's get a jump on the season and start planning that summer vegetable garden now. We will discuss seed starting, choosing nursery plants, what to plant in summer, and how to care for your plants.



GREEN GARDENING



YOUR TREE, YOUR PLACE

Tuesday, March 24 • 6 - 8 p.m.

\$6 | \$8

Course Code 00014631

Wouldn't it be nice to work one-on-one with a tree expert to talk about your property and your tree needs? In this workshop, you can! Our arborists and master gardeners will meet with you individually to help you choose the best tree for your landscape. We will consider the growing conditions of your landscape such as irrigation level, soil, drainage, distance to paving, and utilities to tailor our recommendations to your situation. Let us guide you through the decision process to help you choose trees that will grow vigorously in your yard for years to come.

IRRIGATION TUNE-UP

Saturday, March 28 • 8 - 10 a.m.

Saturday, March 28 • 10:30 a.m. - 12:30 p.m.

FREE EVENT

Course Code 00014629

Course Code 00014630

Having problems with leaks or irrigation and want to make sure everything is running smoothly and efficiently? Our Water Efficiency experts can help! In this free workshop, we will provide you with the experience you need to take control of your home and irrigation system. Gain hands-on experience with hassle-free repairs, easy electrical troubleshooting, and simple irrigation timer tricks.

For more information or to register for workshops

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

COMMUNITY PROGRAMS

ENERGY EFFICIENCY FOR RENTERS WORKSHOP

Tuesday, September 10 • 6 - 7:30 p.m.

FREE CLASS

Course Code 00009792

If you rent a house, apartment, or condo and are looking to save energy and reduce your utility bill, we have the workshop just for you! Your Trusted Home Energy Advisor will discuss energy efficient tips, such as changing lighting, programming your thermostat, and more.

Each participant will receive a free home energy efficiency starter kit.

ELECTRIC UTILITY BILLING/PROGRAM HELP

Wednesday, September 25 @ Maidu • 10 a.m. - 1 p.m.

FREE DROP-IN

Get personalized, one-on-one help for all your Roseville Electric Utility billing, program, and rebate questions. Our trusted advisors will be available to help you sign up for our medical and rate assistance programs, register for an online account, and apply for rebates. You don't need an appointment. Just drop in with your questions.

Drop-in help will be held at Maidu Community Center, 1550 Maidu Drive.

ENERGY EFFICIENCY AT HOME WORKSHOP

Wednesday, October 16 • 6 - 7:30 p.m.

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

FREE CLASS

Course Code 00013855

Course Code 00014640

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.

Each participant will receive a free home energy efficiency starter kit.

April 15 workshop 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.

COMMUNITY PROGRAMS

YOUR TRUSTED SOLAR ADVISOR WORKSHOP

Tuesday, April 28 • 6 - 7:30 p.m.

FREE CLASS

Course Code 00014632

What's new under the sun? If you're curious about solar and looking for facts before you take that next step, Your Trusted Solar Advisor can help. Learn more about solar technology and installation so you can make an educated decision. Workshop topics will include the importance of installing energy efficiency first, what to know before you buy, and purchasing options.



WASTEWATER TREATMENT PLANT TOUR

One Friday a month, select months • 9 - 11 a.m.

Pleasant Grove Wastewater Treatment Plant

FREE TOUR

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 Roseville parks and golf courses. Get a behind-the-scenes look at the processes that keep the water moving and the environment healthy.

UPCOMING DATES

October 4, 2019

November 1, 2019

March 20, 2020

April 17, 2020

May 15, 2020



Tour length is about one (1) mile. Minimum age requirement is 12 years old. Space is limited and registration is required.

For more information or to register for wastewater tour

Call us at (916) 746-1550 or visit roseville.ca.us/planttours.

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:

- Girl Scouts
- Homeschool Groups
- Afterschool Programs
- Youth Groups
- Adult Activity Groups
- 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.

Book Your Tour Online

Visit 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. 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.

1ST - 3RD 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.

4TH - 6TH GRADE PROGRAMS

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



ELECTRON FLOW
Energy Efficiency



ELEMENTS OF WASTE
Waste Reduction



H₂OWN
Water Efficiency



KEEPIN' IT CLEAN
Watershed Protection

SPECIAL HOLIDAY PROGRAM



HOME FOR THE HOLIDAYS

November 12 - January 4 • 10 a.m. - 5 p.m.

FREE PROGRAM

Visit our Home for the Holidays exhibit to discover tips and tricks to save energy and water, reduce trash, and keep your sewers flowing during this busy time of year. As family and friends crowd your home this holiday season, keep these helpful hints in mind to be sure your utility bill in January doesn't shock you. Complete our quick and fun scavenger hunt and receive a gift to help you conserve resources at home.

Whether it's delicious meals, thoughtful gifts, or special get-togethers, all these fun-filled celebrations can add up. Excess trash, huge laundry piles, fatty food waste, and extra energy and water use are common during the holidays. Not to worry! Your Roseville Utilities are here to help with practical holiday tips. Join in on the festivities and keep your holidays shining bright!

Scavenger hunt giveaway is one per family and available while supplies last.

For more information about Home for the Holidays
Call us at **(916) 746-1550** or visit roseville.ca.us/explore.

Where utilities
meet **life.**



Roseville Utilities takes pride in the savings, comfort and sustainability we provide our community. Through our residential and business rebates and time-saving programs, you are able to live your best life in Roseville.



LEARN MORE AT

WhereUtilitiesMeetLife.com



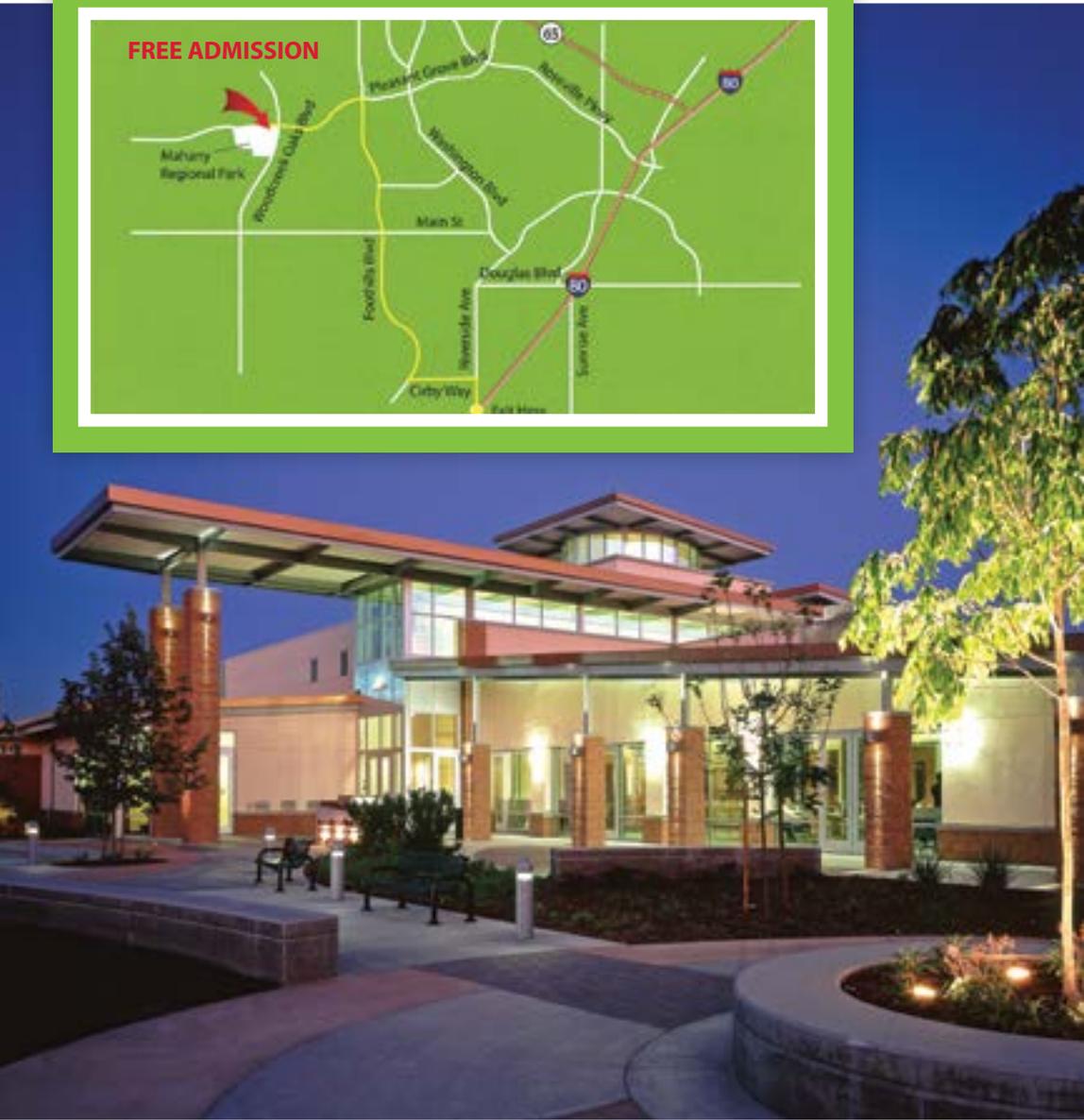
Roseville Utility Exploration Center

1501 Pleasant Grove Blvd.

Roseville, California 95747

(916) 746-1550 | roseville.ca.us/explore

FREE ADMISSION



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