

ISSUE
3

ROSEVILLE UTILITY EXPLORATION CENTER

PLANET PROTECTORS



WASTELAND NIGHTMARE

REDUCING WASTE



Environmental Utilities and the Utility Exploration Center present **The Planet Protectors**

Join **Brandon, Johnny, and Danica,**
as they encounter the
WASTELAND NIGHTMARE

ENVIRONMENTAL UTILITIES' SOLID WASTE DIVISION is dedicated to providing a reliable and efficient collection of solid waste (garbage) for citizens and businesses in the City of Roseville. The utility also promotes environmentally friendly practices to reduce solid waste by diverting as much recyclable material as possible and by helping its customers find ways to reduce their waste generation at home.

For more information, please visit: www.roseville.ca.us/eu

The **UTILITY EXPLORATION CENTER** is a unique regional learning center committed to teaching about sustainability in the home, school, and community. Water and energy efficiency, waste reduction, and watershed protection form the foundation of our programs designed to save money and resources in a fun and engaging way.

The Utility Exploration Center is jointly funded and operated by Roseville Electric and Environmental Utilities, departments of the City of Roseville. Supplying electricity, drinking water, storm drain management, and wastewater and solid waste services, these utilities provide Roseville's residents and businesses with reliable, affordable, safe, and clean utility services.

Please visit our website at www.roseville.ca.us/explore to learn about our low-cost and grant-funded school programs, homeowner workshops, and special events.



RESEARCH AND ACTIVITIES BY
HARVEST MOON STUDIO

ILLUSTRATIONS BY
BERNARD CHANG

ROSEVILLE, CALIFORNIA

THANKS FOR COMING EVERYONE!

AND NOW IT'S TIME TO OPEN THE PRESENTS!

JOHNNY, OPEN MINE NEXT. I THINK YOU'RE REALLY GONNA LIKE IT!

AWW YEAH! NOW I CAN *THROW OUT* MY OLD BACKPACK!

HERE'S MY GIFT. I THINK YOU'LL LIKE IT EVEN MORE!

AWESOME! I'VE BEEN WAITING TO WATCH THIS ACTION-ADVENTURE MOVIE!



LATER THAT NIGHT...

OHH WHAT A GREAT BIRTHDAY! SOOO MANY GREAT PRESENTS!

GOODNIGHT, JOHNNY!

GOODNIGHT, MOM...

THE ADVENTURES OF JOHNNY AND HIS FRIENDS, HIGH UP ON MOUNT ROSEVILLE...

...IN A QUEST TO DISCOVER NATURE'S WONDERS!

WOAH! THAT HUGE BOULDER IS MOVING...

WHAT IS THAT THING AT THE TOP?

LIKE IT'S...

...IT'S FALLING
RIGHT ON TOP
OF US!



RUN!



ARGH! I'M
TRAPPED!



OOPH!

THAT'S NOT
A BOULDER...



IT'S A HUGE
BALL OF...



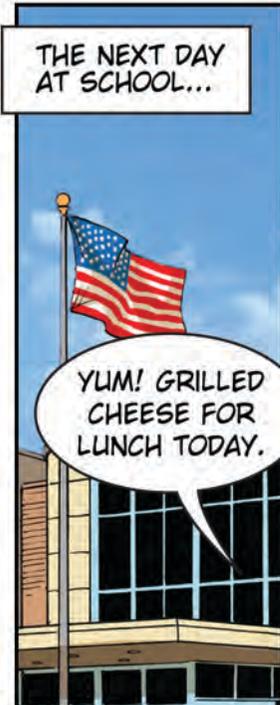
TRASH!

WHEW! THAT WAS JUST A NIGHTMARE!

WE WERE ALMOST CRUSHED BY A BIG BALL OF...



...TRASH?!



THE NEXT DAY AT SCHOOL...

YUM! GRILLED CHEESE FOR LUNCH TODAY.



THAT'S MY FAVE, BRANDON.

HEY GUYS!



WHAT'S UP, J? YOU BROUGHT YOUR LUNCH TODAY?



YEAH, I HAD A BAD DREAM LAST NIGHT ABOUT ALL THE TRASH AND WASTE FROM MY BIRTHDAY PARTY.



SO FROM NOW ON, I'M GOING TO CREATE AS LITTLE WASTE AS POSSIBLE.



...STARTING WITH PACKING MY OWN LUNCH IN REUSABLE CONTAINERS, WATER BOTTLES...



SO WE CAN ALL DO OUR PART...



...AND SAVE US FROM ANOTHER WASTELAND NIGHTMARE!



WORD SCRAMBLE

Unscramble the words
shown below — and assemble
the highlighted letters in
each word to reveal
a secret message!

T P M O O C S

decaying organic matter from yard trimmings or leftover kitchen produce

--	--	--	--	--	--	--	--

Y B U N I L K B U

to purchase in large quantities

--	--	--	--	--	--	--	--	--	--

P O S T K U N J L M A I

help to reduce the mail carrier's load!

--	--	--	--	--	--	--	--	--	--

E L Y C C E R

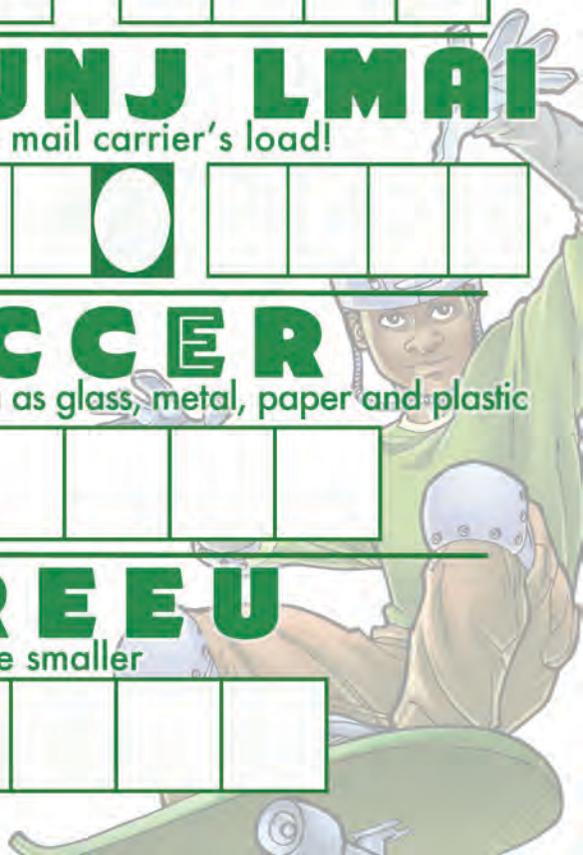
reclaim and reuse materials such as glass, metal, paper and plastic

--	--	--	--	--	--	--	--

D C R E E U

to make smaller

--	--	--	--	--	--	--



BE A PLANET PROTECTOR

RETHINK WASTE ACTIVITY

Tips to Streamline Your Waste

- **Reduce Your Packaging:** Buy bulk or concentrated products when you can.
- **Reduce Toxicity or Learn How:** Recycle your batteries and use batteries with reduced mercury.
- **Select Reusable Products:** Sturdy, washable utensils, tableware, cloth napkins, and dishcloths can be used many times.
- **Use Durable Products:** Choose furniture, sports equipment, toys, and tools that will stand the test of time.
- **Reuse Products:** Reuse newspaper, boxes, shipping "peanuts," and "bubble wrap" to ship packages.
- **Recycle Automotive Products:** Take car batteries, antifreeze, and motor oil to participating recycling centers.
- **Buy Products Made From Recycled Material:** Many bottles, cans, cereal boxes, containers, and cartons are made from recycled material.
- **Compost or Learn How:** Food scraps and yard waste can become natural soil conditioners.

For more tips, you may want to visit:

www.epa.gov/recyclecity



When you throw something away, remember "away" is really your own backyard! Help keep landfills from overflowing by rethinking your own waste stream.

Step 1: Inventory Your Waste: Collect one day's worth of waste. Sort through your bag(s) of waste and separate it into categories such as recyclable paper, plastic, and glass; compostable green waste and organics; and trash. List approximate quantities of each category. Estimate volume of material you can divert from ending up in the landfill... in just one day!

HOUSEHOLD WASTE	# OF ITEMS	NOTES
Recyclables		
— Paper 		
— Plastic 		
— Glass 		
Compostables		
— Green waste 		
— Organics 		
Trash		

Step 2: Rethink Your Waste Stream! Based on a typical day's worth of "trash," list at least three ways you can reduce your waste stream.

1.
2.
3.



DID YOU KNOW? EACH PERSON IN AMERICA GENERATES ABOUT 4.5 POUNDS OF WASTE PER DAY. 1.1 POUNDS IS TYPICALLY RECYCLED, AND .4 POUNDS, INCLUDING YARD WASTE, IS SENT TO COMPOSTING. HOW DO YOU MEASURE UP?

Hey kids and families! Bring in your completed activity books to the Utility Exploration Center to qualify for a free gift.



**Scan the QR code to discover
more ways to save energy
or visit
www.roseville.ca.us/planetprotectors**

ROSEVILLE UTILITY EXPLORATION CENTER **PLANET PROTECTORS**

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