



The National Theatre for Children



CLASSROOM AND
FAMILY ACTIVITIES

**DO
YOUR PART,
BE BATTERY
SMART!**



NIKK & NICKEL TAKING CHARGE



NIKKI NICKEL

TAKING CHARGE

Nikki Nickel is back—but this time he's arrived at your school with a mission he's completely forgotten!

Sent by headquarters to stop the evil Dr NeverReady, Nikki knows the planet is in danger... he just can't quite remember why. With the help of his high-tech gadget, Nikki must piece together the clues before it's too late.

As the mystery unfolds, Nikki discovers the truth: Dr NeverReady's latest plan is to throw thousands of used batteries into landfill, where they can pollute the soil, harm wildlife and waste valuable resources. If Nikki doesn't act quickly, the environment could pay the price!

Nikki needs to act fast to learn how batteries power everyday devices, why different types of batteries exist, and what happens when they're thrown away instead of recycled.

But understanding the problem is only the beginning. To stop Dr NeverReady, Nikki needs your help—collecting used batteries and recycling them at school!

Will you take up the challenge and help Nikki save the day?

EDUCATIONAL CONCEPTS

- Ways we USE batteries
- Why RECYCLE batteries
- What YOU can do

WORDS TO KNOW

Alkaline	A type of single use battery that uses chemicals to create electricity.
Battery	A container that stores energy and turns it into electricity.
Energy	The power that makes things work, move, or change.
Environment	Everything around us that we need to keep healthy for all living things to thrive.
Landfill	A big hole in the ground where our rubbish gets buried.
Lead Acid	A type of rechargeable battery used in cars and trucks.
Lithium-ion	A lightweight, rechargeable, high power battery used in mobile phones and computers.
Natural Resource	Something found in nature that can be used by people.
Nickel	A metal used in batteries that can be recycled and reused.
Pollute	To make dirty or unclean.
Rechargeable	A battery that can have energy replaced after use.
Recycle	To turn things into new things.
Resource	Something we can use.
Single Use	Batteries that can only be used once.



NIKKI NICKEL



JOHN TRAVOLTAGE



DR NEVERREADY



AGENT Y



U.R. FIRED

COLOUR AND CAPTION

Colour the poster and write a caption to share an important message about recycling batteries. **Hang it where friends and family will see it.**

DO YOUR PART



BE BATTERY SMART

Dr NeverReady's MIX-UP

Dr NeverReady has mixed up Nikki's message. Unscramble the letters and fill in the spaces below to fix it.



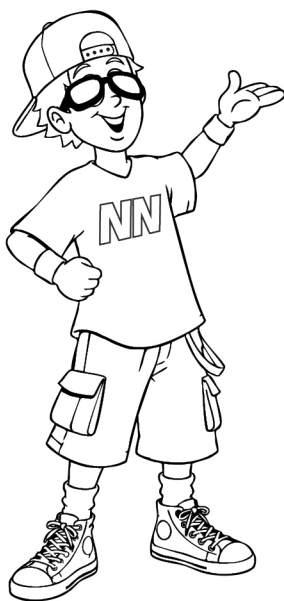
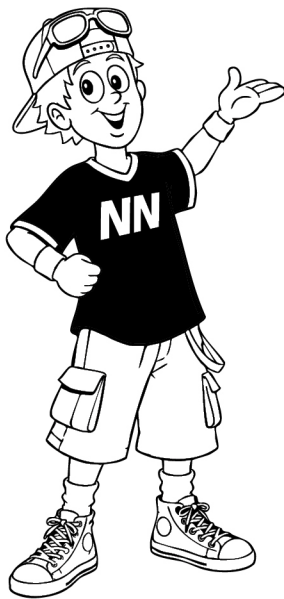
RECYCLE

1 6 5 5 3 4 7 3 2

Nikki Nickel's

SPOT THE PERFECT PAIR

Some of these Nikkis aren't quite right... can you find the two that match exactly?
Circle the matching pair and colour the picture.



BATTERY

WORD FIND



Can you and your friends find and circle all of the words from the list below?

Do you remember what the words mean?

Review their meanings on the inside front cover.

RECHARGEABLE

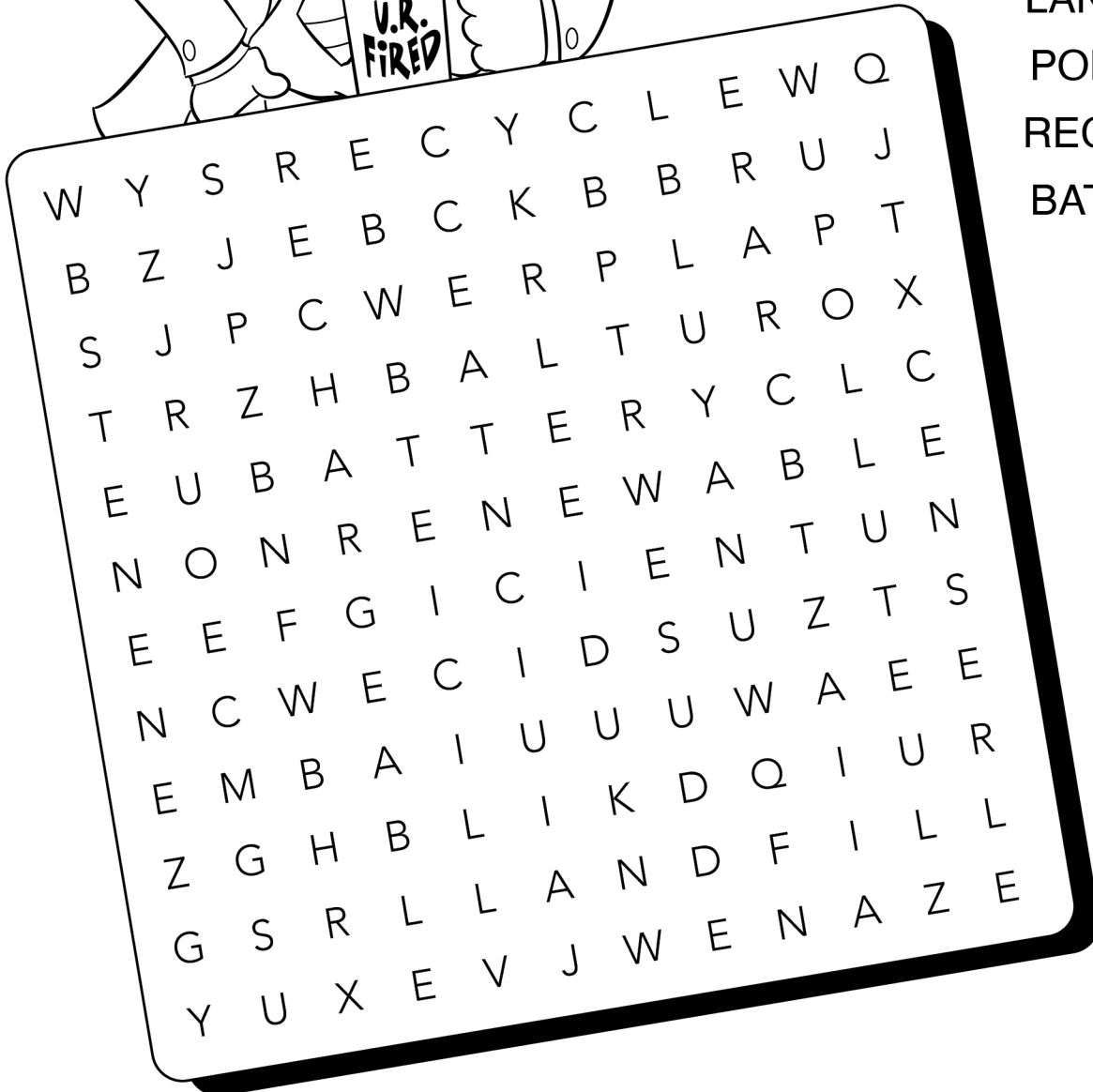
NON-RENEWABLE

LANDFILL

POLLUTE

RECYCLE

BATTERY



START



COUNT how many batteries you use in your home!

LIVING ROOM

Smoke alarm, remotes, heating/cooling control panel, iPad, portable speakers

I COUNTED _____

COLLECT

Collect up your taped used batteries in a plastic or glass, non-airtight container and store in a cool dry place. Then take them into school to recycle.

BATTERY SAFETY TIP

When collecting old batteries, remember to always tape both terminals with clear sticky tape or electrical tape to make sure they don't connect with other batteries.

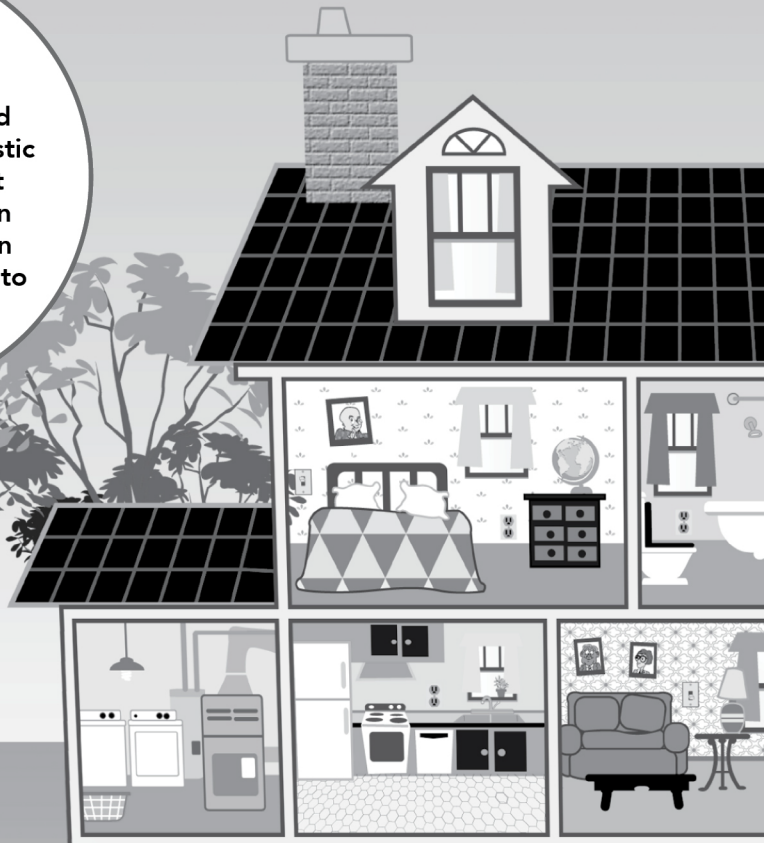
I COUNTED A TOTAL OF _____

BATTERIES AROUND MY HOUSE

OUTSIDE

Doorbell, security lights, cars

I COUNTED _____



BATTERY COUNT!

KITCHEN

Mobile phone, home phone handset, portable appliances

I COUNTED _____

BEDROOMS

Alarm clock, ear pods, nightlight, electric toys

I COUNTED _____

STUDY AREA

Computer, bluetooth keyboard, mouse

I COUNTED _____

SHED

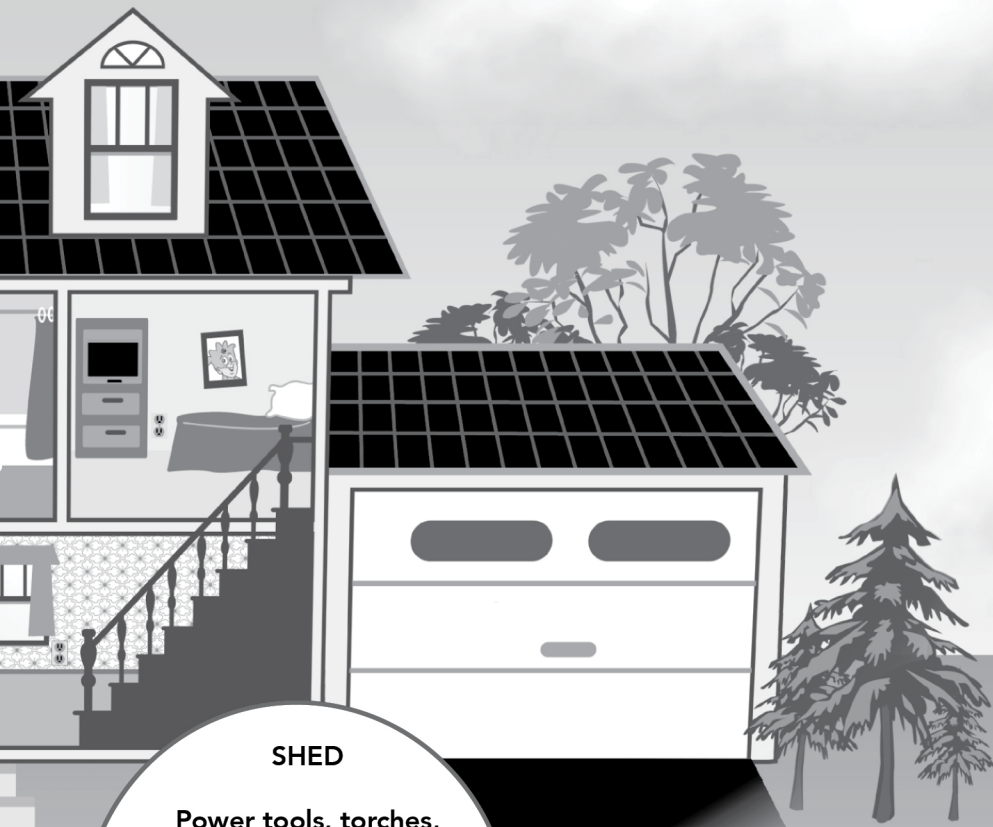
Power tools, torches, portable vacuum

I COUNTED _____

BATHROOM

Electric toothbrush, electric razor

I COUNTED _____



AGENT Y'S

MATHS MESSAGE

Do the maths and fill in the spaces below to complete the message.
Read the message out loud once you've completed it.

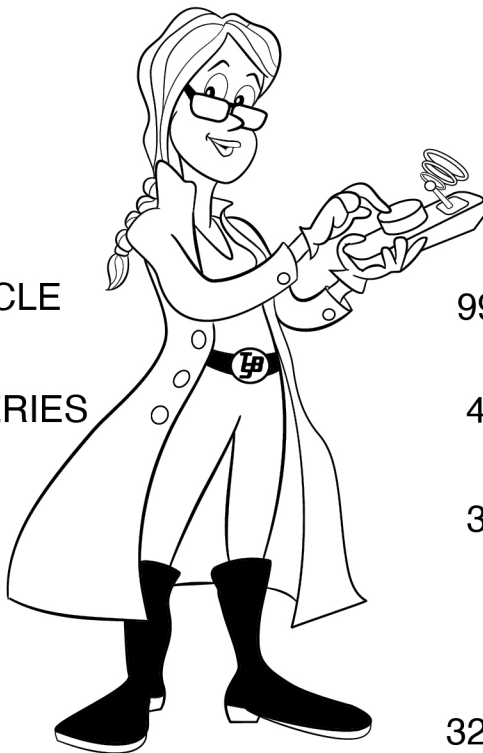
$17 + 11 =$ RECYCLE

$6 \times 6 =$ BATTERIES

$28 \div 4 =$ KEEP

$7 \times 3 =$ IT

$14 - 14 =$ DO



$99 - 44 =$ FROM

$45 \div 3 =$ YOUR

$32 \times 3 =$ AND

$9 \times 6 =$ BIT

$32 + 32 =$ LANDFILL

0

15

54

28

21

96

7

36

55

64

JOHN'S BATTERY FACTS

Choose the letter with the correct answer from the right column and write it in the space in the left column.

Share these facts with your friends and family.

A _____
Where do batteries go if we throw them in the bin?

_____ What types of batteries are used in cars and trucks?

_____ What do we call a natural resource that can't be replaced after we use it?

_____ What do we call batteries that can only be used once?

_____ A metal used in batteries that can be recycled and reused.

- A. Landfill
- B. Non-renewable resource
- C. Lead-acid
- D. Nickel
- E. Single Use



COMIC CAPERS

Use the action boxes below to draw and write your own comic strip. Follow the prompts to tell a story about stopping Dr NeverReady!

See the inside cover for key words from the show to use in your comic.

CHOOSE YOUR CHARACTERS



**NIKKI
NICKEL**



DR NEVERREADY



**JOHN
TRAVOLTAGE**



**U.R.
FIRED**



**AGENT
Y**

**INTRODUCTION: WHERE IS YOUR HERO?
WHAT ARE THEY DOING?**

**PROBLEM: WHAT DOES DR NEVERREADY
DO TO CAUSE TROUBLE?**

**IDEA!: HOW DOES YOUR CHARACTER STOP
DR NEVERREADY?**

**ENDING: WHAT HAPPENS NEXT? DOES
DR NEVERREADY CHANGE HIS WAYS?**

SHARE YOUR COMIC WITH NIKKI NICKEL!

You're now a comic artist! Nikki Nickel wants to see your amazing story about the Battery Bandit. Take a photo of your comic and upload it using the QR code!

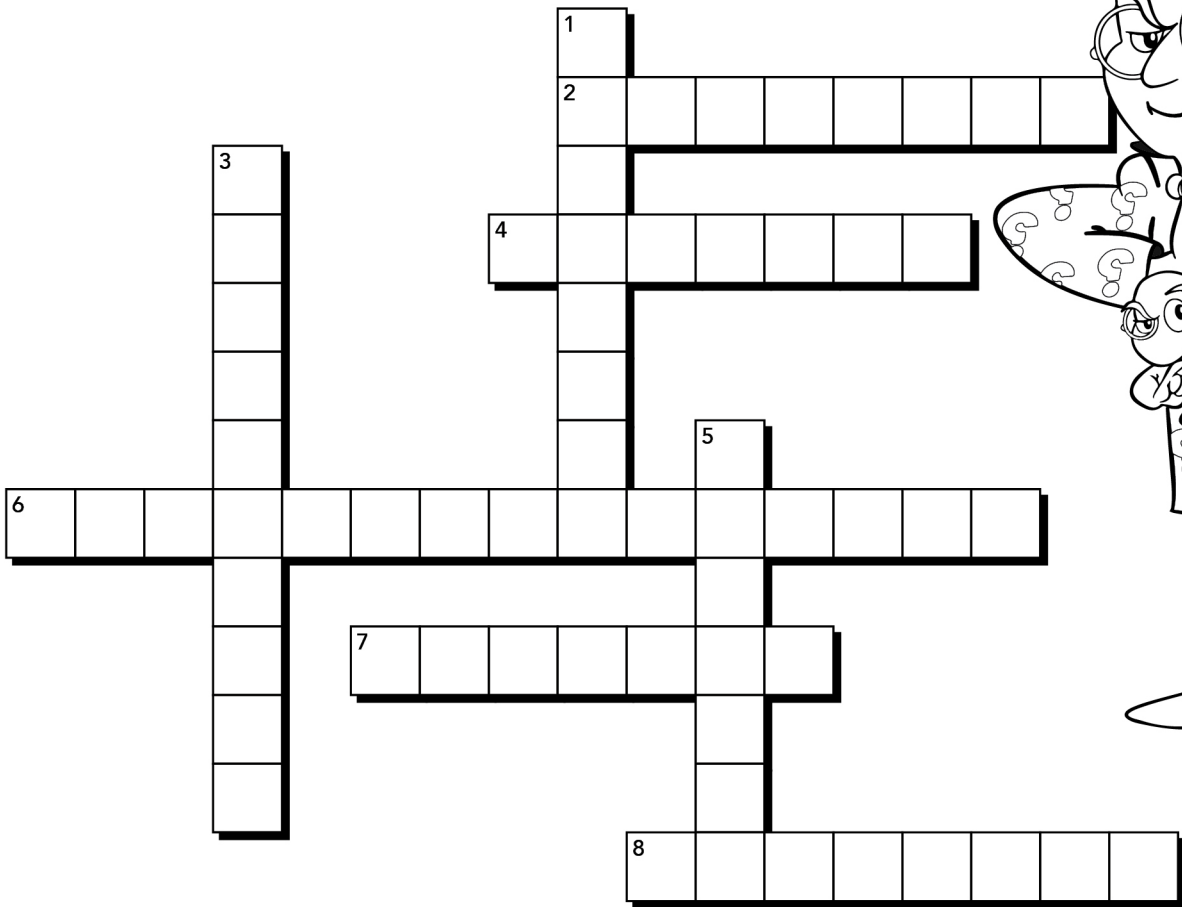
Scan the QR Code → Upload Your Comic → Be a Battery Hero!



DR NEVERREADY'S

CROSSWORD

Complete the crossword by answering the questions below.



Down:

- 1. A type of single use battery that uses chemicals to create electricity
- 3. A type of rechargeable battery used in mobile phones and computers
- 5. To make dirty or unclean

Across:

- 2. A big hole in the ground where rubbish gets buried.
- 4. A container that stores energy and turns it into electricity
- 6. Something found in nature that can be used by people.
- 7. To turn used things into new things
- 8. A type of rechargeable battery used in cars and trucks

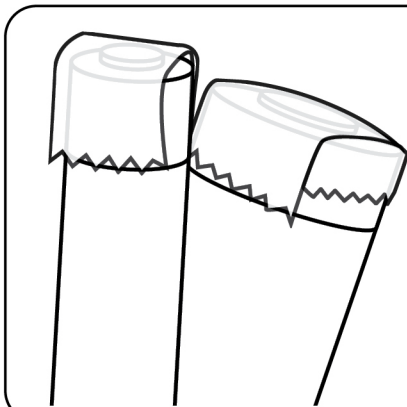
HOME BATTERY COLLECTION STATION

LET'S GET CREATIVE!

1. Find a clean, empty plastic container at home like an ice cream or yoghurt tub in which to store used batteries.
2. Decorate with art materials and label the outside of the container.
3. Through the week, collect your family's used batteries and don't forget to ask your grandparents, cousins and even neighbours for theirs!!
4. Tape up the terminals and store them in the container. (Make sure to keep the container in a cool, dry place).
5. Every week, bring the container to school and tip it into your classroom battery recycling bucket.



How many batteries can your class collect?



BATTERY SAFETY!

It's important to store batteries safely! Why? They can heat up and cause skin burns or, if terminals connect – with each other or with other metal objects such as keys – it can cause a spark.

What to do? Ensure used batteries have both terminals covered with electrical or sticky tape before storing them together in a plastic container.

NOW'S YOUR CHANCE!

Work together with your classmates to
SAVE THE ENVIRONMENT. SAVE THE PLANET. MAKE A DIFFERENCE WITH...



THE BIG BATTERY RESCUE



NATIONAL SCHOOLS CHALLENGE



HERE'S HOW:

Collect your used batteries from home, drop them into your school recycling buckets and **win up to \$800** for your school! The more batteries you recycle, the more your school wins!

For more information visit:
BIGBATTERYRESCUE.COM



BATTERY SAFETY FOR STUDENTS & FAMILIES

Source: Australian Battery Recycling Initiative

It's important to educate students to store batteries safely. Batteries can heat up and cause skin burns or, if terminals connect – with each other or with other metal objects such as keys – it can cause a spark.

Ensure all used batteries have both terminals covered with electrical or sticky tape before storing them together in a plastic container. Button cell batteries can be placed in a row between two pieces of sticky tape.



@thebigbatteryrescue



@battery_rescue



@TheBigBatteryRescue

A better way to live with access to lifelong education



Stockland is committed to creating thriving communities

That is why we are providing an opportunity to educate children through our partnership with *The National Theatre for Children*, who specialise in creating educational and curriculum-aligned programs nationwide.

This year, we are offering schools and students a **FREE** battery recycling year-round education and behaviour change program.

This includes a live-in-school theatrical presentation along with curriculum-aligned materials and battery recycling kits.

The program will include a year-long national challenge, where schools, students and families will have the opportunity to collect all batteries they use during the year and deposit them for recycling collection.

Their efforts will be measured by the weight of batteries collected, and the positive environmental impact by the rate of diversion from landfill.

Together we will teach, entertain and inspire future generations to become leaders of tomorrow.

Visit **bigbatteryrescue.com** to learn more about how Stockland is supporting education in our communities.



Stockland

stockland.com.au/sustainability