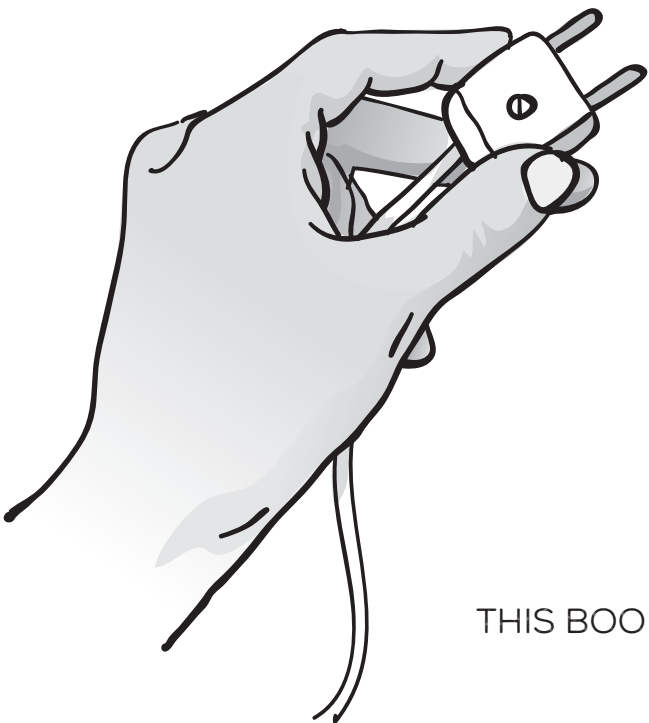
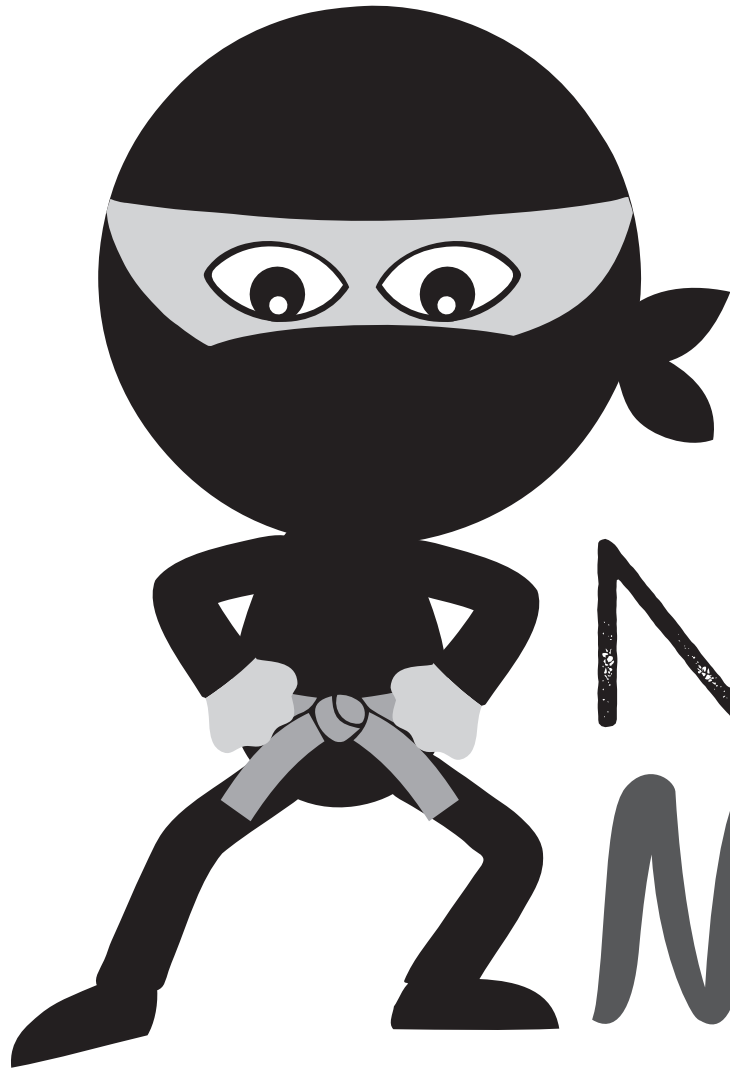


The Kids Guide to
**ELECTRICAL
SAFETY**



THIS BOOK BELONGS TO: _____

Hi friends! I'm



NICO

THE

Ninja

My job is to help people learn about energy and part of that is teaching electrical safety practices. Let's get started!

Electrical Safety

DO'S AND DON'TS

DON'T

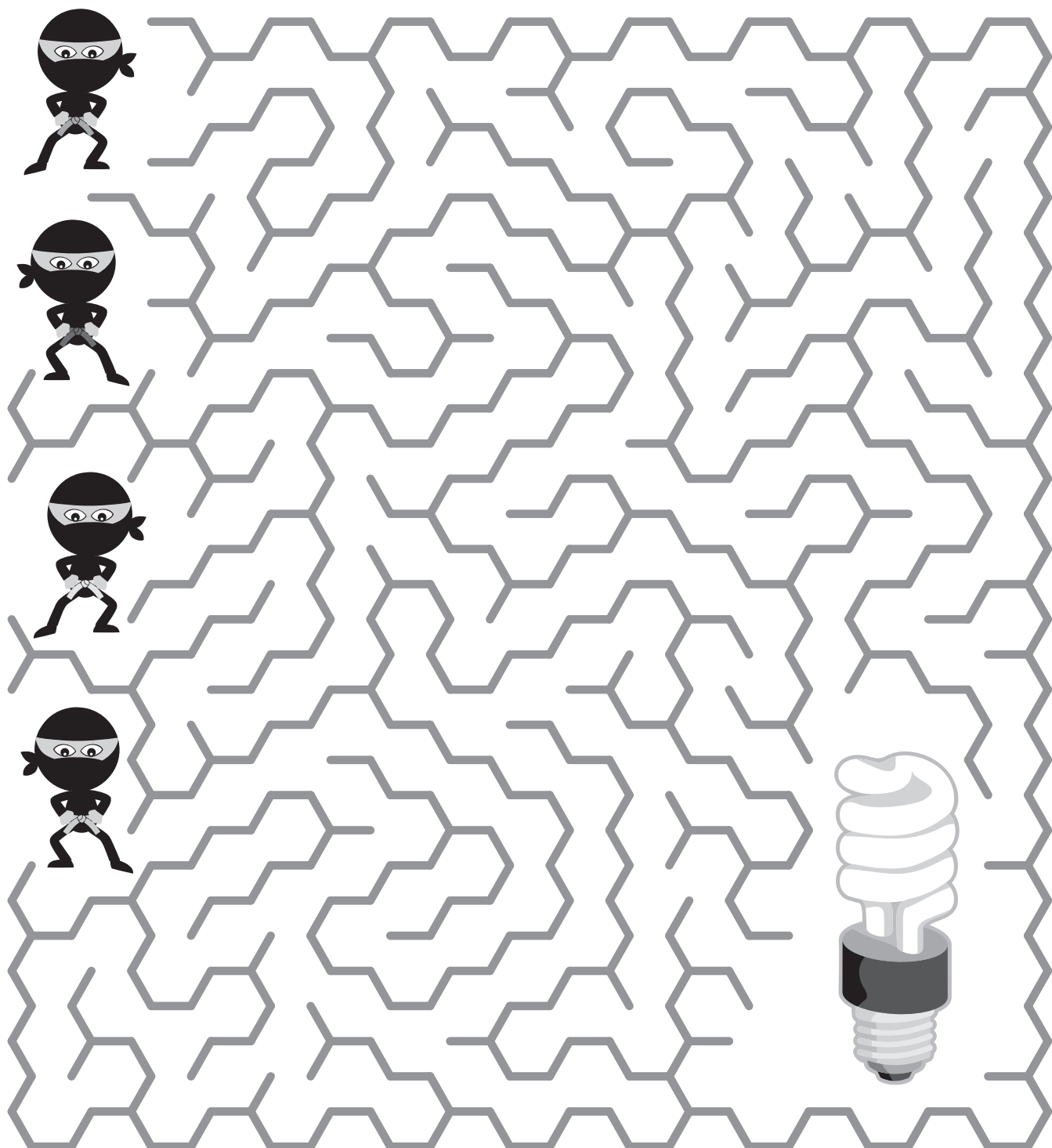
- Put your fingers or objects in an electrical outlet or appliance.
- Bring any drinks near electronics.
- Touch any electrical appliances with wet hands.
- Yank electrical cords from the wall.
- Play near power lines.

DO

- Ask an adult to help you change a light bulb.
- Turn off electronics when you're not using them.
- Know where your emergency kit is in case your home loses power.
- Call **911** if there is an electrical fire.
- Remind your parents to replace electrical cords that are broken.

HELP NICO AND HIS BUDDIES GET TO THE ENERGY SAVING LIGHT BULB!

When you're finished, color the light bulb and the ninjas' outfits!



Electrical Safety

QUIZ

1. Where is the most dangerous place to use electrical equipment?

- A. In your bedroom
- B. Outside
- C. Near water
- D. None of the above

2. What should you do if there is an electrical fire?

- A. Stop, drop and roll until it stops
- B. Run away
- C. Take pictures
- D. Quickly get away from the fire and have your parents call 911

3. Is it important to have an emergency kit?

- A. Yes, so you're prepared in case there's a big lightning storm and the power goes out
- B. No, there won't ever be an emergency
- C. What's an emergency kit?
- D. Maybe

4. What should you do if a light bulb won't turn on?

- A. Poke at it
- B. Turn the light switch on and off several times
- C. Scream
- D. Tell a grownup that the light needs a new LED light bulb

5. What should you never do?

- A. Stick your finger in an outlet
- B. Eat candy
- C. Run around the house
- D. Play outside

6. You notice the cord to the television is broken. What should you do?

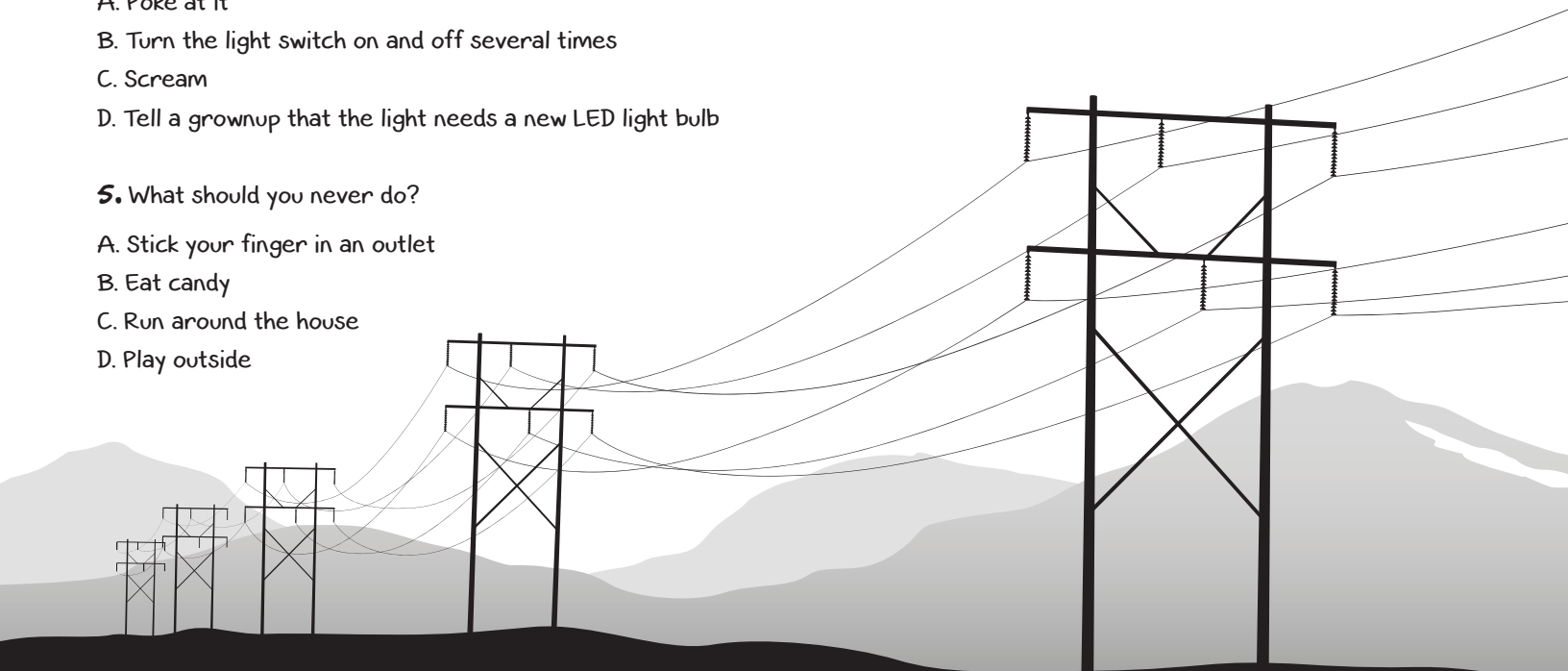
- A. Play with it
- B. Tell a grownup so he or she can get it repaired or replace it
- C. Pull it out of the wall
- D. Turn the television on to watch your favorite show and leave the broken cord alone

7. What is the safest way to unplug your electronics from an outlet or surge protector?

- A. Grasp hard on the cord and pull hard
- B. Use your hand to remove the plug without pulling on the cord
- C. Ask a grownup to help you
- D. B and C are both correct

8. You want to fly a kite outside but there are power lines. What do you do?

- A. Fly the kite near the power lines.
- B. Find another place to fly your kite where there are no power lines around.
- C. Play with your kite inside.
- D. Forget about playing with the kite.



Word SEARCH

A G S V Y D C E F L S E Y J V
D P A E R F N R I Z W M T V F
S T P A R E V G R J I E E Y I
X F Z L R I H L E K T R F R F
G A C G I T W T B C C G A M I
H B Y A N A V A J O H E S U S
Y Y U I B O N T F H I N U U Y
J X N L F L A C C S T C R J U
H G S F B J E T E E R Y T G Z
Y R E T T A B S B S T H I Q B
R E W O P S U R G E G O O X S
K E L E C T R I C I T Y R C B
O U T L E T P H L C G I D P R
N Y L N R Q C M I L R B X W F
L A X E O Z K R K S M V X T K

WORD BANK

APPLIANCES

EMERGENCY

LIGHTNING

OUTLET

PROTECT

ELECTRICITY

LIGHT

CABLES

SHOCK

SWITCH

HAZARD

BULB

FIRE

POWER

SAFETY

BATTERY

ENERGY

OFF

SURGE

WIRES

Electrical Fire Safety **CHECKLIST**

It's important to check your appliances to help your family stay safe.

To prevent any electrical emergencies, walk around the house and check the following items to make sure the appliance works properly and nothing is broken!

- SMOKE ALARMS
- LIGHT SWITCHES
- OUTLETS
- SURGE PROTECTORS
- CORDS
- LAMPS
- MICROWAVE
- TOASTER OVEN
- IRON
- ELECTRICAL PANEL
(WITH FUSES AND CIRCUIT BREAKERS)

EXPERIMENT

You can make your own electricity too!
Try this experiment with a grownup at home!

MATERIALS NEEDED:

- 1 lemon
- 1 copper nail (roughly 2 inches in length)
- A zinc nail (roughly 2 inches in length)
- 1 holiday light
- 1 dull knife



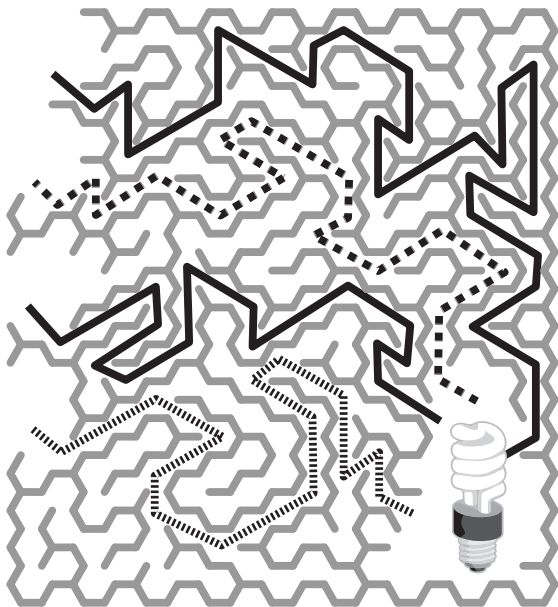
DIRECTIONS:

1. Gently press down on your lemon and roll it around on a table to get the juices flowing inside the lemon. You want it to be soft but be careful not to break the skin.
2. Insert both nails into the lemon, approximately 2 inches apart. Don't let them puncture through the other side of your lemon.
3. Remove the insulation from around the holiday light's lead, exposing the bare wire. In order to do this, you will need a grownup to take a dull knife and cut through the outer shell of the light and strip it off.
4. Wrap the exposed wire around both the copper and zinc.
5. The light should come on! Congratulations, you've made electricity!

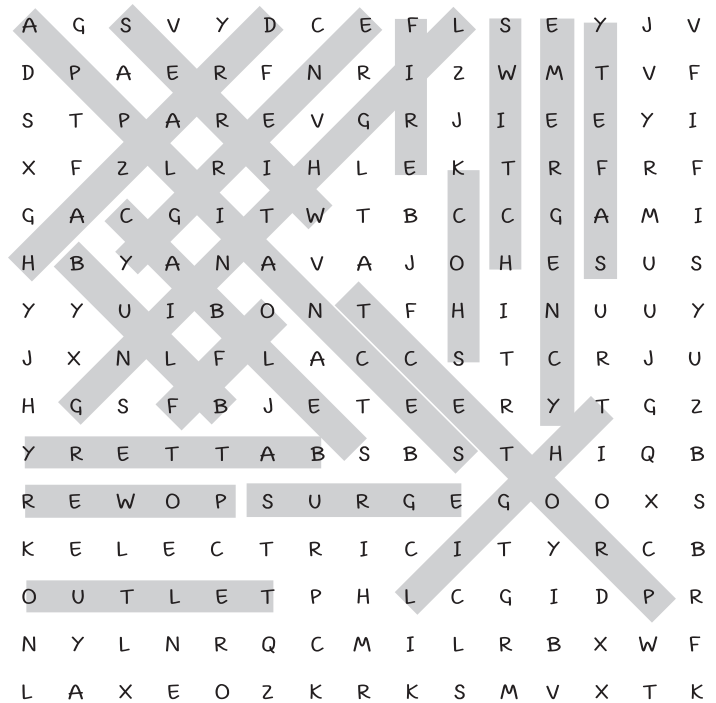
ANSWERS

(Kids no peeking!)

MAZE



CROSSWORD



QUIZ

1. C
2. D
3. A
4. D
5. A
6. B
7. D
8. B

EXPLORE WITH NICO!

Nico is about to explore a friend's home to make sure it is safe! Color Nico and the house he's going into!

