

EARTHQUAKE EXPLORERS

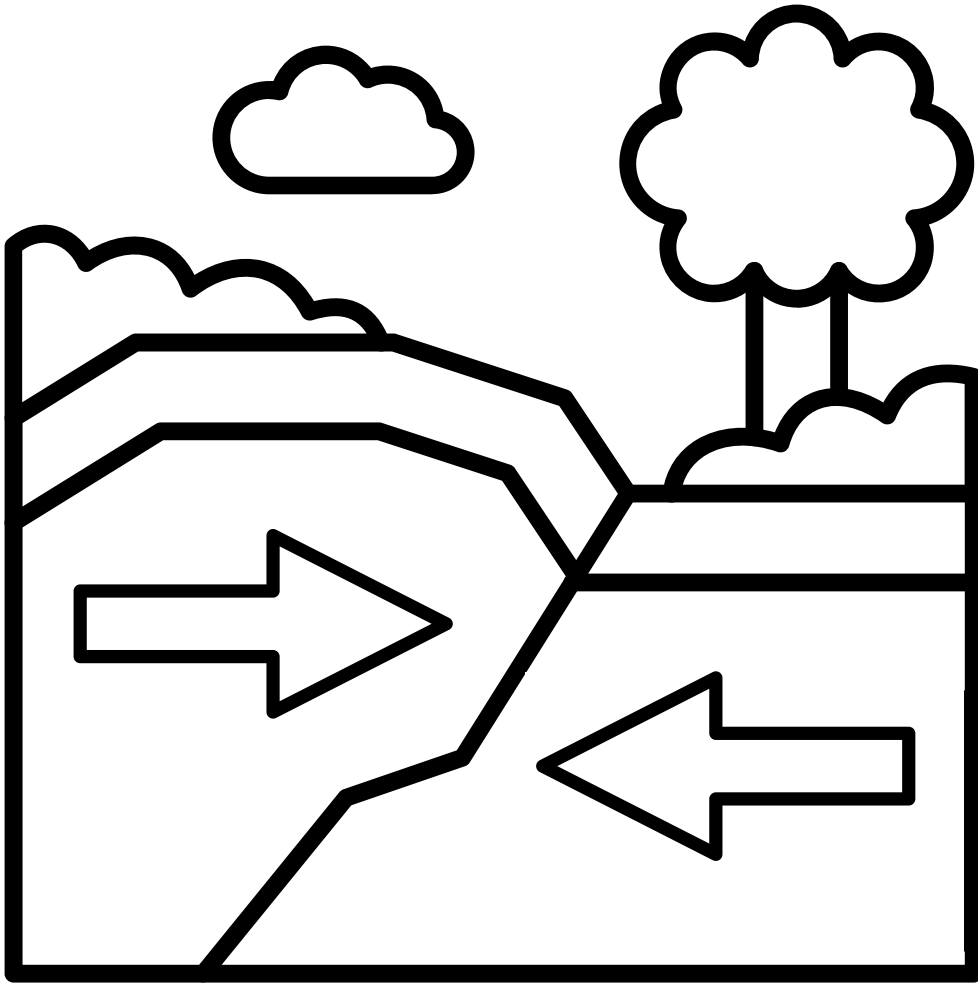


Sheldon's Shaky Adventure



Hi! I'm Sheldon! I love exploring and learning about the Earth. Sometimes the ground shakes in Rocky Ridge Forest, but don't worry, I'll show you how to stay safe!

What causes Earthquakes?



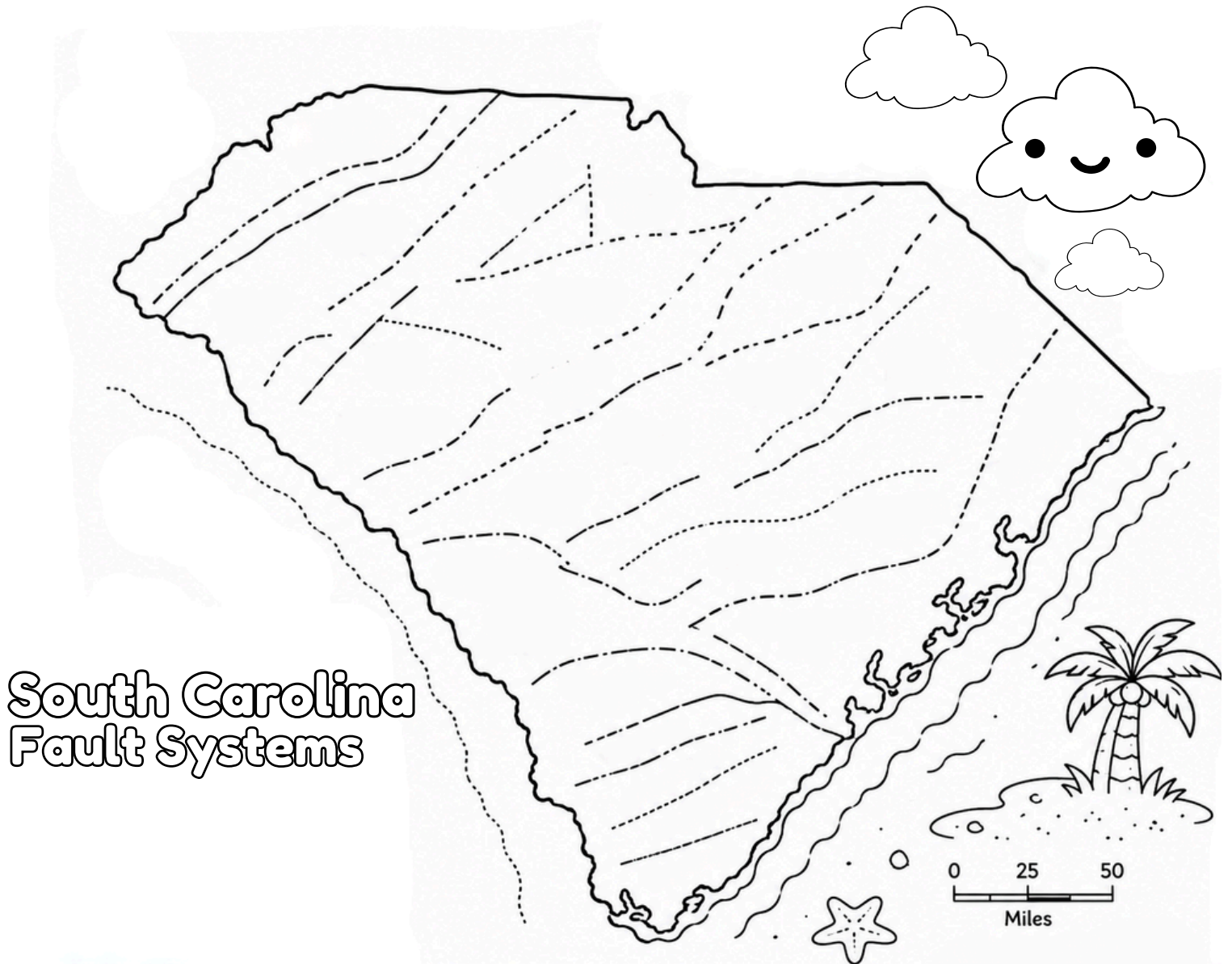
Earthquakes happen when giant rocks under the ground, called tectonic plates, move and bump into each other. These bumps make the ground shake!

What Does an Earthquake Feel Like?



Sometimes an earthquake feels like a big truck rumbling past your house. Other times, it can feel like the ground is wiggling or rolling like ocean waves.

Did You Know?



**South Carolina
Fault Systems**

Deep underground, the Earth has cracks called fault lines. When the ground moves along these cracks, it can cause an earthquake. South Carolina has many fault lines, so knowing what to do during an earthquake is important!

Drop, Cover, & Hold On



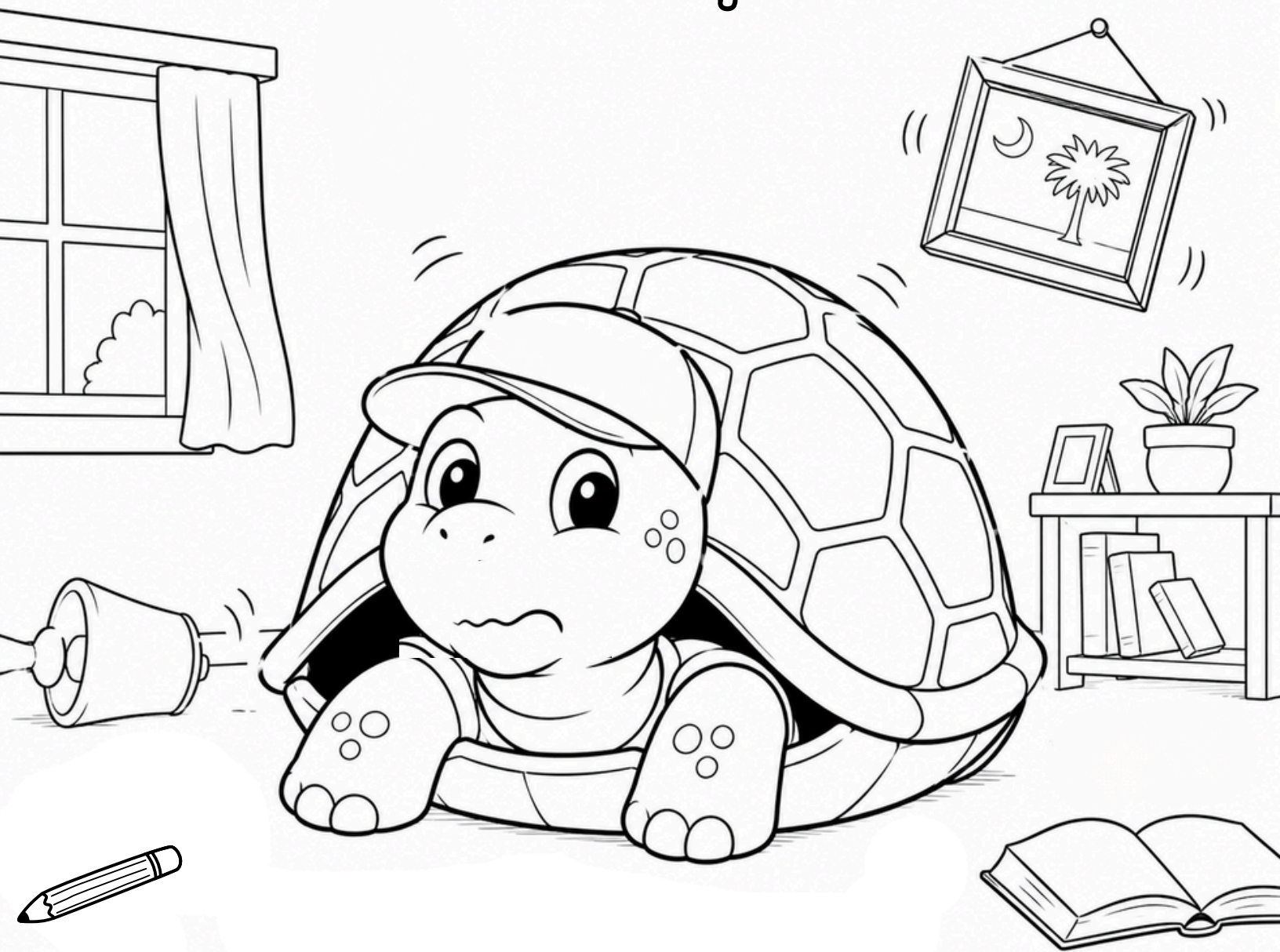
Remember, the main risk during an earthquake are things falling. This is why, if the ground starts shaking, you should:

D Drop
down

C Cover your
head and
neck

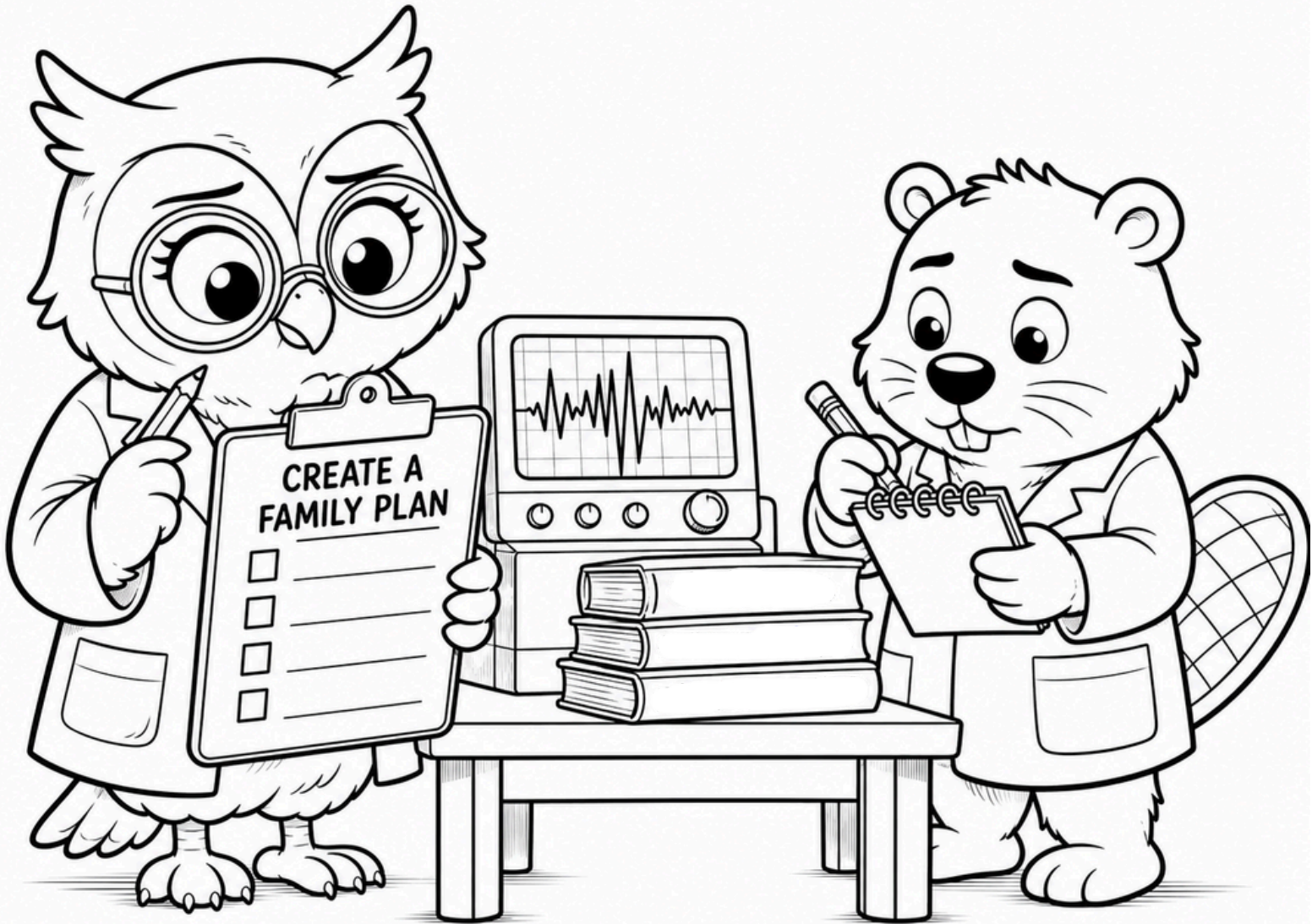
H Hold on
until the
shaking
stops!

What happens after an earthquake?



**After the shaking stops, check for safety.
Stay with a grown-up and listen for
instructions. Sometimes there may be
additional earthquakes called aftershocks,
so be ready!**

Why do we learn about earthquakes?



Understanding earthquakes helps people prepare for them and build safer homes and schools. Scientists study them to better predict when and where they might happen.

Build an emergency supply kit!



Your emergency supply kit is your very own superhero backpack! Fill it with water, snacks, a flashlight, a first-aid kit, and special items that help you feel safe.

Be Prepared!



Earthquake safety is a team effort! Work with a grown-up to spot things around your home that could fall or move during shaking and make a plan to secure them.

Help a Friend!



**It's always kind to help your friends,
family, and neighbors after an
earthquake if you can!**

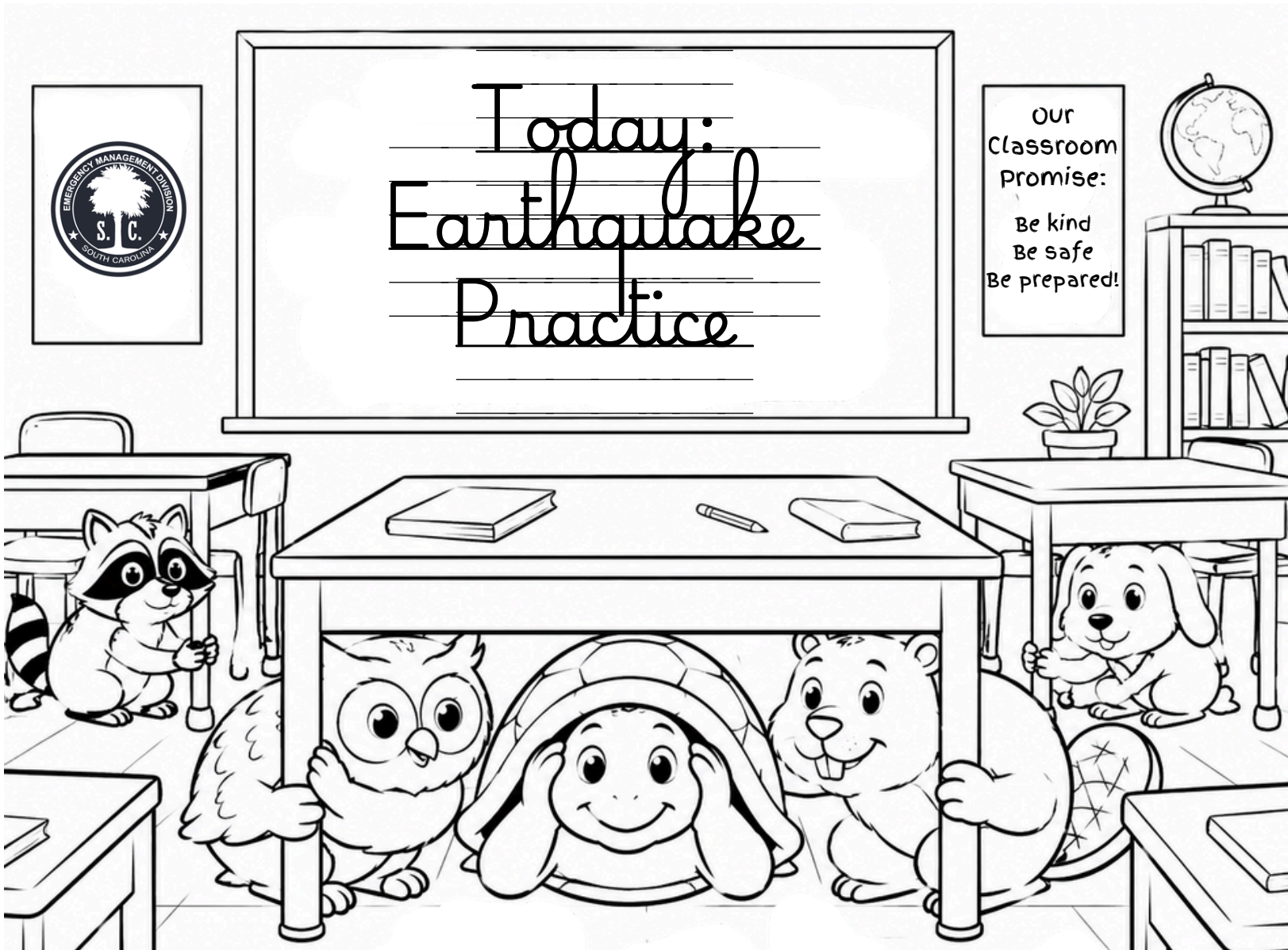
Find Your Safe Spot

**STAY AWAY
FROM WINDOWS!**



Look around your home and find safe spots away from windows and heavy objects. This is where you will go during an earthquake.

Practice With Family & Friends!



**Practice makes perfect! Try an earthquake
drill with your family and friends.**

**Don't forget to
Drop, Cover and Hold On!**

Build Your Emergency Supply Kit!

Choose which items should go in your emergency supply kit!



Sheldon's Word Search

Can you find all the hidden words? Search high and low!
Words may be hiding across, down, diagonal, or even backwards!

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

Words to Find:

MOVE
ROCK
EARTHQUAKE

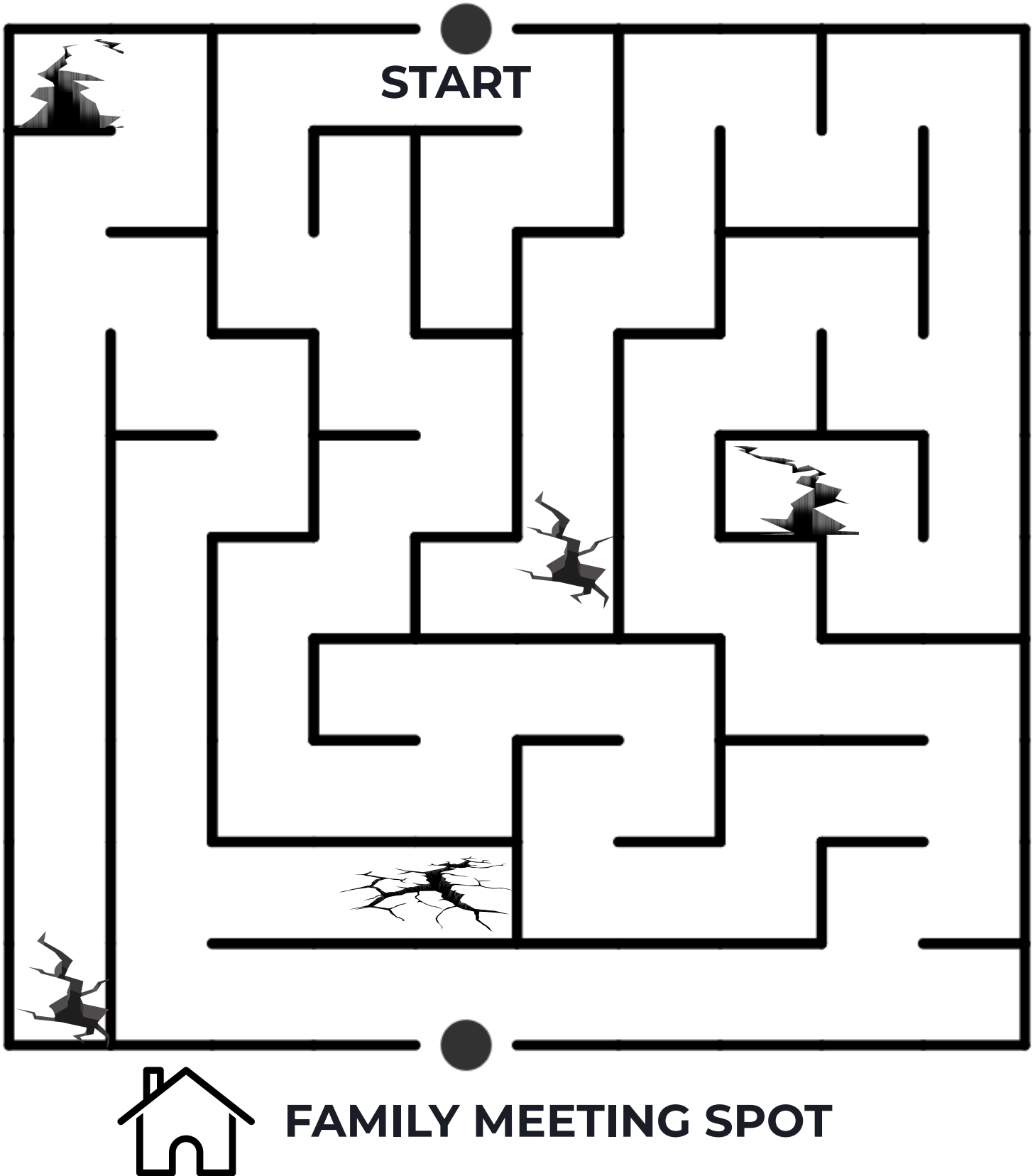
TECTONIC
SHAKE
CRACK

DROP
COVER
HOLD-ON

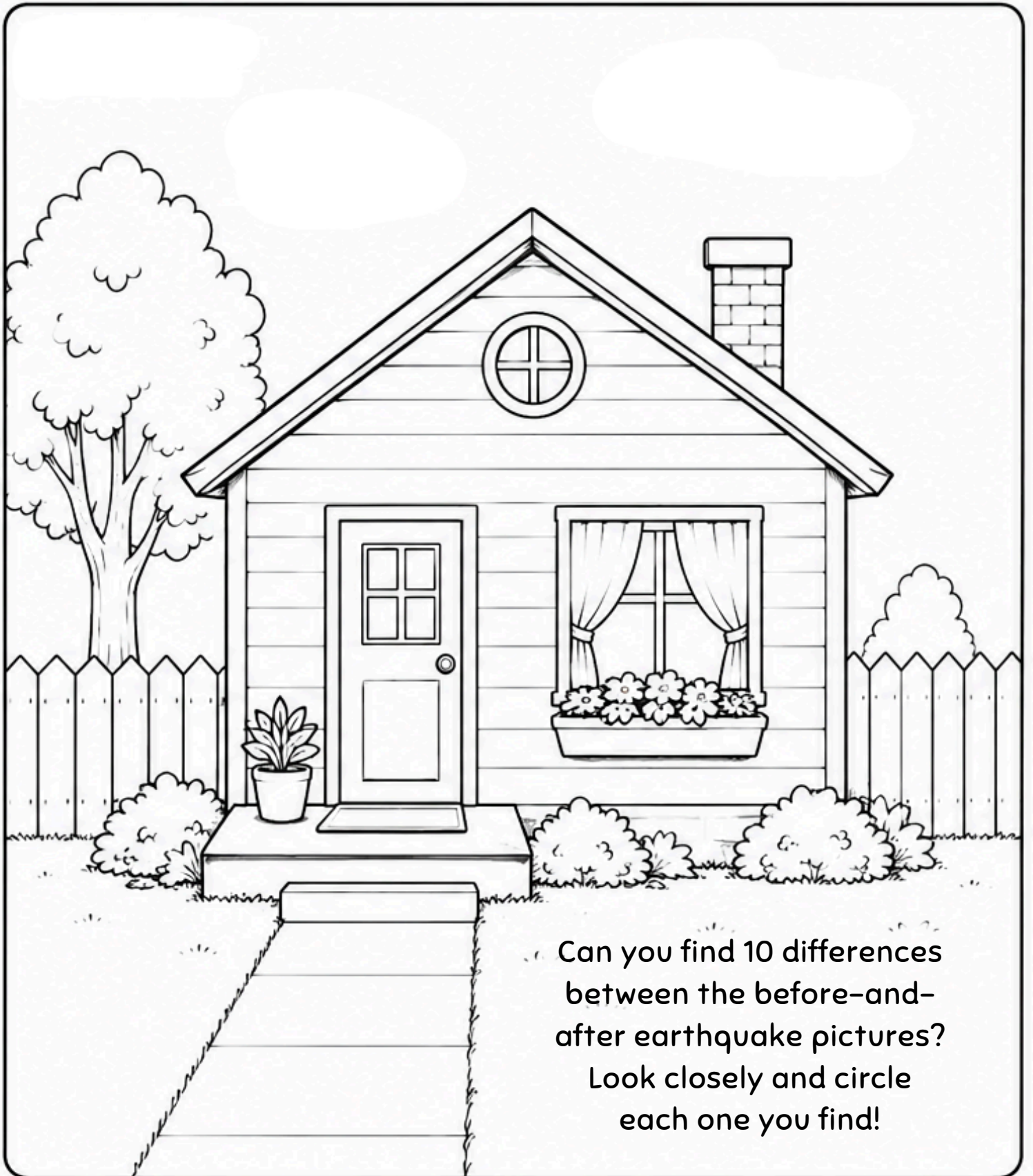
SAFETY
PREPARE
SHELDON

Get to Safety!

Once the shaking stops, carefully find a clear and safe path outside your home. Then make your way to your family's meeting spot!



Spot the

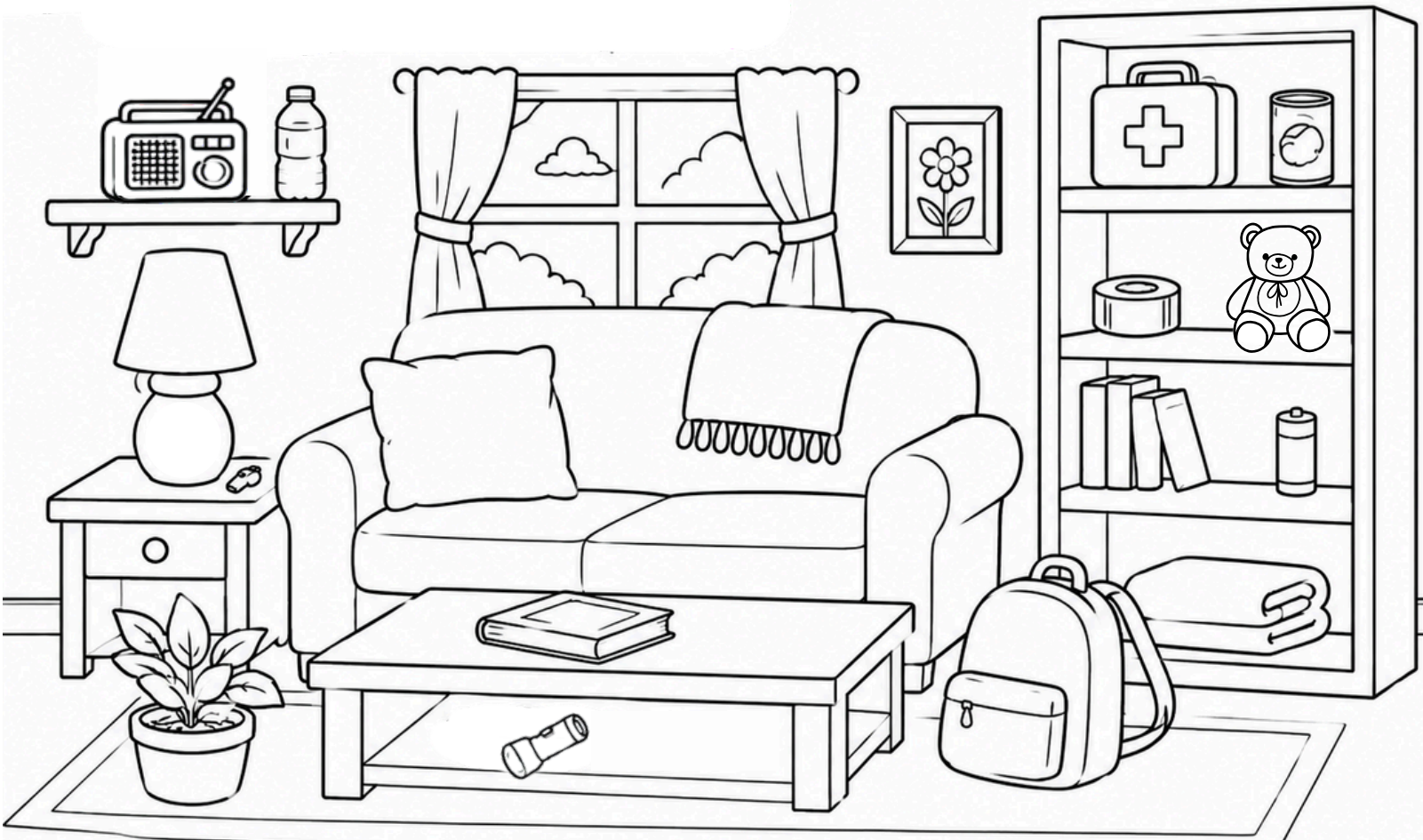


Can you find 10 differences
between the before-and-
after earthquake pictures?
Look closely and circle
each one you find!

Differences



Find the Hidden Items!



Find items that can go in your emergency supply kit!



Water
Bottle



Flashlight



First Aid
Kit



Canned
Food



Battery
Radio



Batteries



Duct Tape



Whistle



Blanket



Teddy Bear

Earthquake Explorer Certificate

This certifies that:

_____ has completed the
Earthquake Explorers Adventure,
learning how to:

- Understand what causes earthquakes
- Practice Drop, Cover and Hold On
- Build an emergency supply kit
- Identify safe spots at home



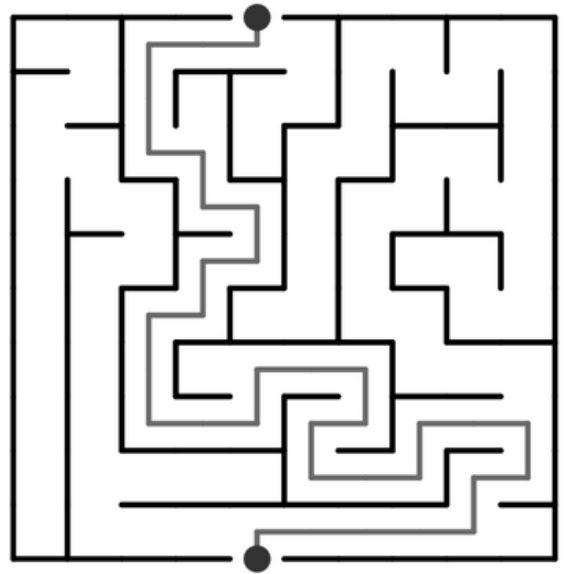
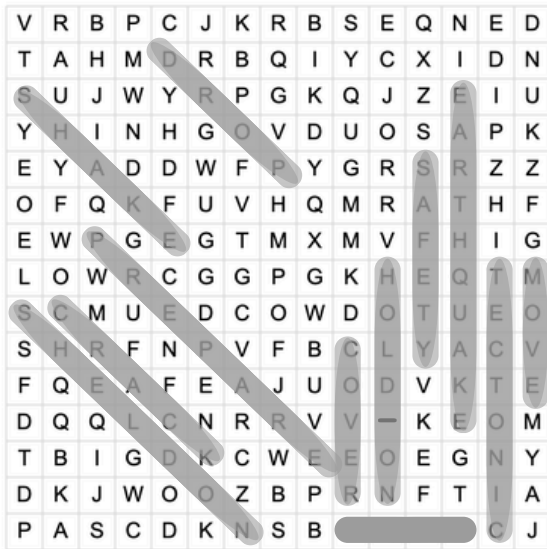
Keep exploring and stay prepared!

Sheldon

Sheldon the Turtle

Date

Answer Key



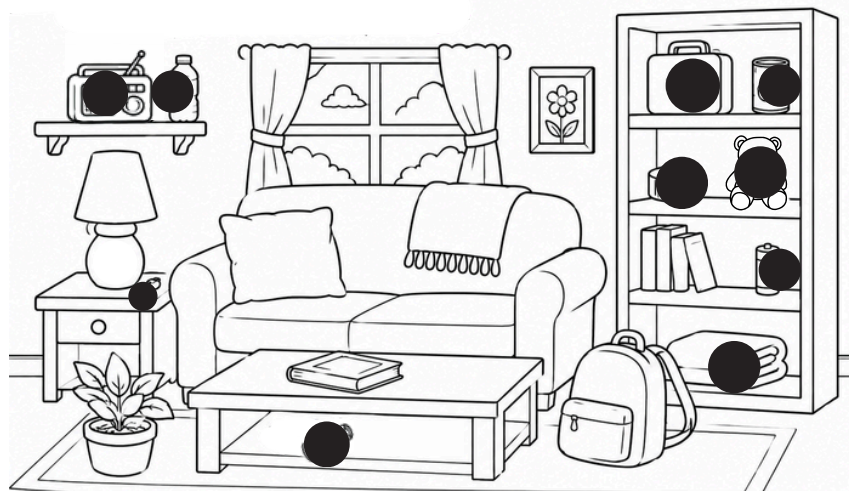
Spot the Differences

- Crack in the roof on the right house
- Crack along the right wall of the house
- Sidewalk is cracked after the earthquake
- Front step is broken/misaligned
- Flower pot tipped over by the door
- Window curtains are uneven/messy
- Flower box under the window is damaged/spilling
- Bushes on the right side are disturbed
- Chimney is tilted/damaged
- Small cracks and damage around the yard and foundation

Build your emergency backpack!

Water bottles, flashlights, batteries, a first aid kit, snacks, a pen, and a notebook are all very useful in an emergency. We think a teddy bear is a great idea too, if it'll make you feel calmer and safer!

Find the Hidden Items



Join Sheldon & his friends as they learn about earthquakes!



Learn about:

- What causes earthquakes
- Drop, Cover and Hold On
- How to build an emergency kit
- Safe spots to go at home

As you color and complete activities, you'll learn how to stay safe before, during, and after an earthquake. Remember, being prepared can help keep you and your family safe!

So grab your crayons, colored pencils, or markers, and get ready for an earthquake safety adventure!

VISIT
EARTHQUAKE.SC