

# Our Family Hurricane Kit

**Presented by Girl Scout Troop 2059**

**Orlando, Florida**

SCAN ME



## Girl Scout Troop 2059

We are Girl Scout Troop 2059 from Orlando, Florida, which is part of the DrWin Community within Citrus Council. We are an active, diverse troop of ten 4<sup>th</sup> graders, and have girls in public, charter, private and virtual schools. Our troop has earned Super Troop the last three years and half our troop has been together since Kindergarten.

We are earning our Bronze Award, the highest award 4<sup>th</sup> and 5th grade Junior Girl Scouts can achieve. We had to identify a gap in the community, develop an idea to fill that gap, and the steps needed to complete the project to make it a reality. Each girl had to commit at least 20 hours of time to the project.

We noticed new classmates were worried and confused in 2022 when Hurricane Ian hit, and realized our new friends didn't know how to prepare for a hurricane. We decided to make hurricane kits for elementary-aged children who are new to Florida as our Bronze project.

Thank you for being a part of our Bronze project. We would love to see the kit in your home in action, or how you utilized it! Visit [www.GSTroop2059.org/hurricane](http://www.GSTroop2059.org/hurricane) to share a photo or story with us! Other troops can also visit the site to download these worksheets to share and educate.

Best wishes and stay safe,

Girl Scout Troop 2059

Alexis, Ava, Elissa, Isla, Liliana, Lily, London, Madelyn, Saylor, and Sophia

Jaclyn Rhoads, Leader; Belinda Smith, Co-Leader; April Page, Bronze Chair

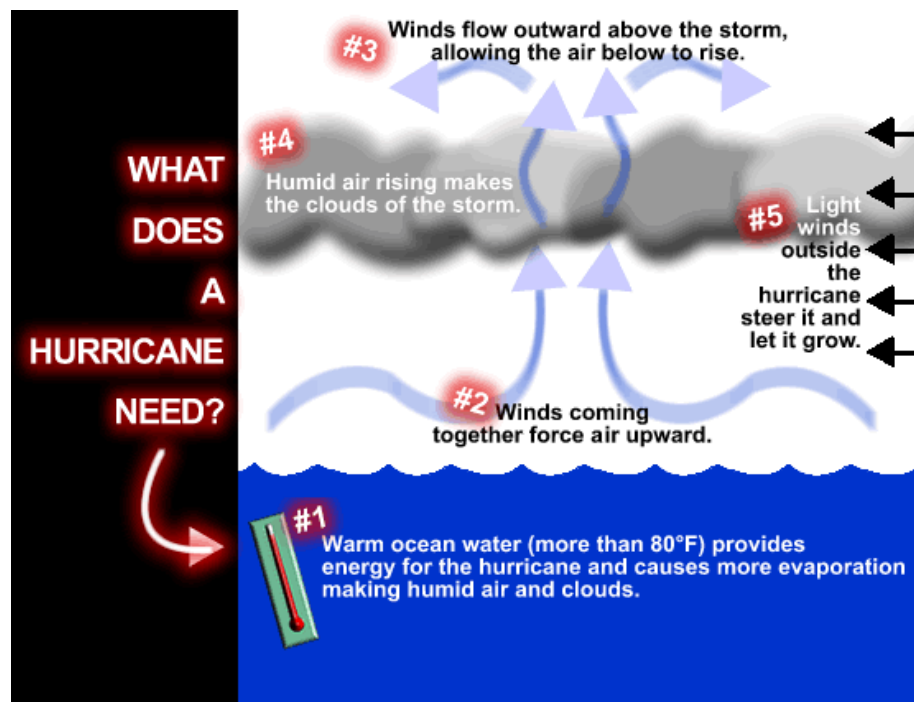
## Vendor/Community Partners

Thank you to these community partners who donated supplies or knowledge to our kits or helped along the way!

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>• <b>News Channel 6 Meteorologist Samara Cokinos</b></li><li>• <b>Aldi (Winter Garden)</b></li><li>• <b>Beth's Burger Bar</b></li><li>• <b>CFW, Charleston, SC</b></li><li>• <b>Cigna</b></li><li>• <b>Flippers Windermere</b></li><li>• <b>Girl Scouts of Citrus Council</b></li><li>• <b>Heart of the Magic Travel</b></li><li>• <b>The Orlando Chapter of Jack and Jill of America, Inc.</b></li><li>• <b>Kissimmee Florist</b></li><li>• <b>Lowe's (Winter Garden)</b></li><li>• <b>Mace Consulting</b></li></ul> | <ul style="list-style-type: none"><li>• <b>Maple Street Bakery Orlando</b></li><li>• <b>Olive Garden (Millenia Mall)</b></li><li>• <b>Orlando Mayor Buddy Dyer</b></li><li>• <b>Publix (The Grove and West Point Commons)</b></li><li>• <b>SeaWorld Orlando</b></li><li>• <b>Staples (Winter Garden)</b></li><li>• <b>State Farm (Bill Pancake Insurance Agency)</b></li><li>• <b>Titan Realty Group, LLC</b></li><li>• <b>TOHO Water Authority</b></li><li>• <b>Truist (Winter Garden Village)</b></li><li>• <b>Vitamin Therapy Services</b></li></ul> |
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## Hurricane Facts

- Hurricanes produce strong winds, storm-surge floods and heavy rainfall.
- Hurricanes begin their life in warm, moist atmospheres, typically over tropical ocean waters near the equator. The warm, moist air rises above the ocean and forms clouds which rotate. If there's enough warm water to feed the storm, a hurricane forms.
- A tropical storm transitions to a hurricane once winds go above 74 MPH.
- Hurricanes rotate around a circle center called the eye, where it is generally calm with no clouds. Surrounding the eye is the eye wall – the most dangerous part of the hurricane with the strongest winds, thickest clouds and heaviest rain! Do not go out in the eye when it's calm as you don't know when the other side of the eye wall will hit. The eye can be anywhere from 12-30 miles across.
- When a hurricane reaches land it often produces a storm surge. This is when high winds drive the sea toward the shore, causing water levels to rise and creating large crashing waves. Central Florida doesn't have too much of a concern, but residents need to be mindful of lakes, ponds and other bodies of water with rising water/flooding. A hurricane can produce 6 to 12+ inches of rain in a region.
- Hurricane Season is June 1 through November 30. Some years there are lots of storms, and some years there are only a few. It is best to prepare before June so you are ready.



## **Hurricane Lingo** (some facts from [weatherwizkids.com](http://weatherwizkids.com))

- There are five categories of hurricanes. *This scale does not take into account other potentially deadly hazards such as storm surge, rainfall flooding, and tornadoes.*
  - Category 1: 74-95 MPH winds
  - Category 2: 96-110 MPH winds
  - Category 3: 111-129 MPH winds
  - Category 4: 130-156 MPH winds
  - Category 5: 157+ MPH winds

**TROPICAL STORM WATCH** - Tropical Storm conditions with sustained winds from 39 -74 mph are possible in your area within the next 36 hours.

**TROPICAL STORM WARNING** - Tropical Storm conditions are expected within 24 hours.

**HURRICANE WATCH** - Hurricane conditions with sustained winds of 74 mph or greater are possible in your area within the next 36 hours. This WATCH should trigger your family's disaster plan, and protective measures should be initiated. Especially, those actions that require extra time such as securing a boat or other outside preparation.

**HURRICANE WARNING** - Hurricane conditions are expected in your area within 24 hours. Once this WARNING has been issued, your family should be in the process of completing protective actions and deciding the safest location to be during the storm.

## **Test your Hurricane Knowledge**

- Fill in the blanks the best you can. When you are done, you can read it to your family. *Fill it out a second time with funny or weird answers, and you have a Mad Libs game!*

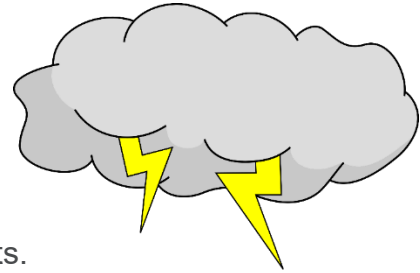
Tropical cyclones/hurricanes are intense circular \_\_\_\_\_ that originate over \_\_\_\_\_, tropical oceans and have a maximum sustained \_\_\_\_\_ speed of \_\_\_\_\_ MPH with \_\_\_\_\_ rain.

A hurricane can dump 6 to 12 \_\_\_\_\_ of \_\_\_\_\_ across the region.

The eye is a region of mostly \_\_\_\_\_ weather at the \_\_\_\_\_ of a hurricane. The \_\_\_\_\_ of the storm is a circular area typically 12-30 \_\_\_\_\_ in diameter.

## Emergency Instructions for Kids

1. **Listen to authorities**, including local meteorologists.
2. **Prepare your home** by cleaning the yard of toys, bring large items inside or tie down items like outdoor furniture. These items can become projectiles during a storm.
3. **Bring your pets indoors**, if they are outdoor pets.
4. **Prepare a “grab bag”** in case you have to evacuate. The bag should include items for both you, your family and your pets. Bags should be packed in advance and include everything you will need while you are away from home (examples: medicines, canned foods, water, flashlights, books, pet food and fun toys).
5. **Call 911**. If you or anyone in your home is injured.
6. **Know your nearest shelter**. Ask your parents to find out where your nearest shelter is, and if you have a pet, know what shelters accept pets. Not all shelters accept pets.
7. **Know your evacuation route**, in case you are asked by local authorities to evacuate your home or shelter.
8. **Evacuate if asked to do so**. If you are instructed to evacuate by local authorities – or if you feel unsafe.
9. **If evacuating, DO NOT drive or walk through high water**. Turn around, don't drown.
10. **Stay indoors, if not evacuated**. If you aren't advised to evacuate, or are unable to do so safely, stay indoors, away from windows, skylights and doors. Continue to monitor weather reports and don't go outside until the storm has passed. Downed trees, live electrical wires and other hazards can crop up unexpectedly.
11. **Keep routines**. If you and your family are asked to evacuate, keep your routine - like a story before bedtime or a family meal each evening.
12. **Limit media time**. All kids can be disturbed by intense images online and on TV, so monitor your media intake.



# **Ways You Can Help Prepare!**

The adults may be prepping the big stuff for the storm, but you can help as well!

## **Overall preparation**

1. Help make an evacuation plan with your family.
2. Know your address and contact info of people you can reach out to if you need help in an emergency (police, fire, rescue, neighbors).
3. Help supply shop and organize supplies when you get home
4. Get several gallons of water before hurricane season
5. Get canned foods before hurricane season
6. Check all batteries and keep an inventory of what items need what size batteries.

## **Top 5 ways you can prepare your house:**

1. Check and close/lock all windows and doors
2. Fill up tubs with water
3. Charge devices/phones
4. Bring in toys from outside
5. Fill containers with drinking water



## **Top five ways to prepare as you depart school:**

1. Take your backpack and important schoolwork home
2. Take your computer/iPad home fully charged
3. Bring your lunch box home
4. Bring books to read for school and enjoyment
5. Take any valuable items home from school



## **Track the Hurricane**

Watch the news for coordinates, or visit a weather website like the National Hurricane Center or [weatherchannel.com](http://weatherchannel.com). To plot each location of the storm over time, do the following:

1. Determine the latitude of the storm, the first coordinate in the pair, and locate it on the map (usually followed by an N or S). Latitude measures how far north or south a location is from the Equator (on a map, lines of latitude run east and west).
2. Determine the longitude, the second coordinate in the pair (usually followed by a W or E), and locate it on the map. Longitude measures how far east or west a location is from the Prime Meridian (on a map, lines of longitude run north and south).
3. Draw a  (for a hurricane) or a  (for a tropical storm) on the weather map.
4. Repeat steps 1 to 3 using the next tracked location of the storm.

# How Do Hurricanes Get Their Names?

The World Meteorological Organization names them. For Atlantic Hurricanes, there is a list of male and female names which are used on a six-year rotation.

## 2021

Ana  
Bill  
Claudette  
Danny  
Elsa  
Fred  
Grace  
Henri  
Ida  
Julian  
Kate  
Larry  
Mindy  
Nicholas  
Odette  
Peter  
Rose  
Sam  
Teresa  
Victor  
Wanda

## 2022

Alex  
Bonnie  
Colin  
Danielle  
Earl  
Fiona  
Gaston  
Hermine  
Ian  
Julia  
Karl  
Lisa  
Martin  
Nicole  
Owen  
Paula  
Richard  
Shary  
Tobias  
Virginie  
Walter

## 2023

Arlene  
Bret  
Cindy  
Don  
Emily  
Franklin  
Gert  
Harold  
Idalia  
Jose  
Katia  
Lee  
Margot  
Nigel  
Ophelia  
Philippe  
Rina  
Sean  
Tammy  
Vince  
Whitney

## 2024

Alberto  
Beryl  
Chris  
Debby  
Ernesto  
Francine  
Gordon  
Helene  
Isaac  
Joyce  
Kirk  
Leslie  
Milton  
Nadine  
Oscar  
Patty  
Rafael  
Sara  
Tony  
Valerie  
William

## 2025

Andrea  
Barry  
Chantal  
Dexter  
Erin  
Fernand  
Gabrielle  
Humberto  
Imelda  
Jerry  
Karen  
Lorenzo  
Melissa  
Nestor  
Olga  
Pablo  
Rebekah  
Sebastien  
Tanya  
Van  
Wendy

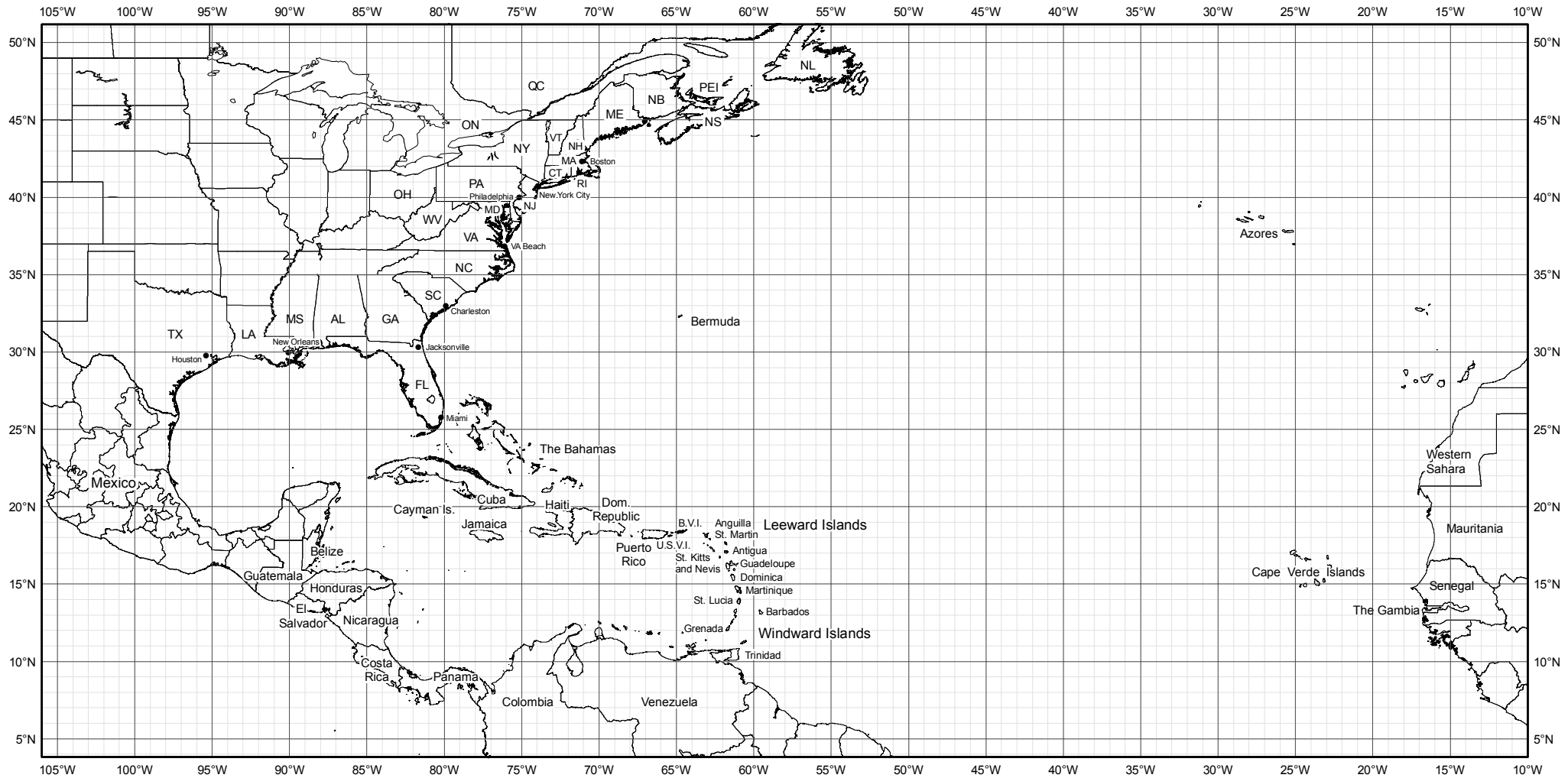
## 2026

Arthur  
Bertha  
Cristobal  
Dolly  
Edouard  
Fay  
Gonzalo  
Hanna  
Isaias  
Josephine  
Kyle  
Leah  
Marco  
Nana  
Omar  
Paulette  
Rene  
Sally  
Teddy  
Vicky  
Wilfred



# Atlantic Basin Hurricane Tracking Chart

## National Hurricane Center, Miami, Florida



# Hurricane Word Search

Find the hurricane and Girl Scout inspired words in the puzzle below.

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

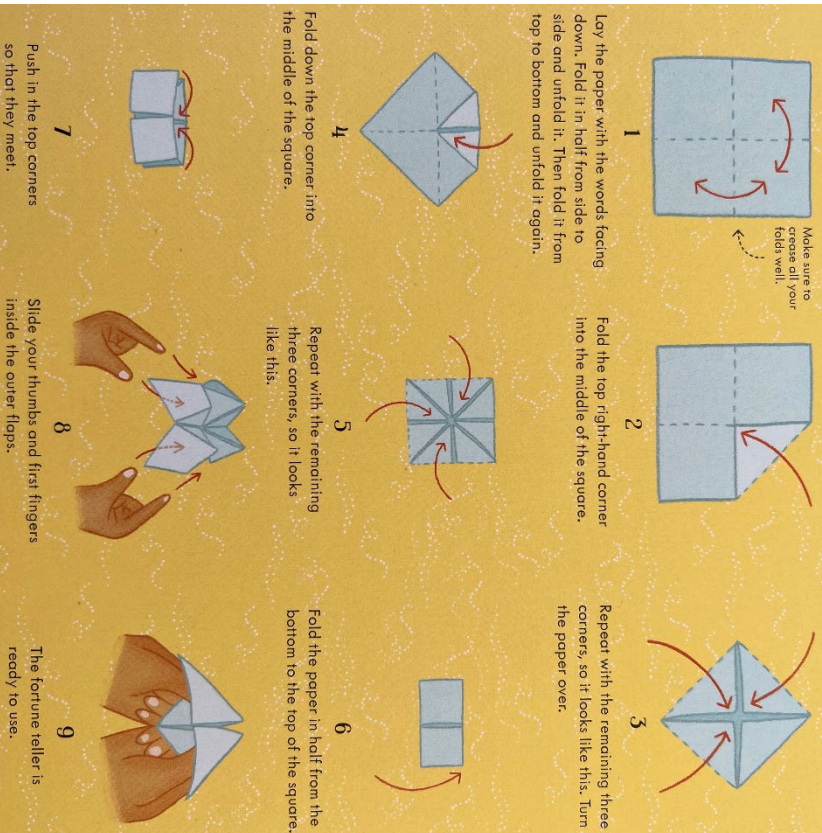
BADGE  
 CLOUD  
 FRIEND  
 OCEAN  
 SCOUT  
 THINMINT  
 VEST  
 WIND

BRAVE  
 COOKIES  
 HEAT  
 OUTDOOR  
 STORM  
 THUNDER  
 WATER

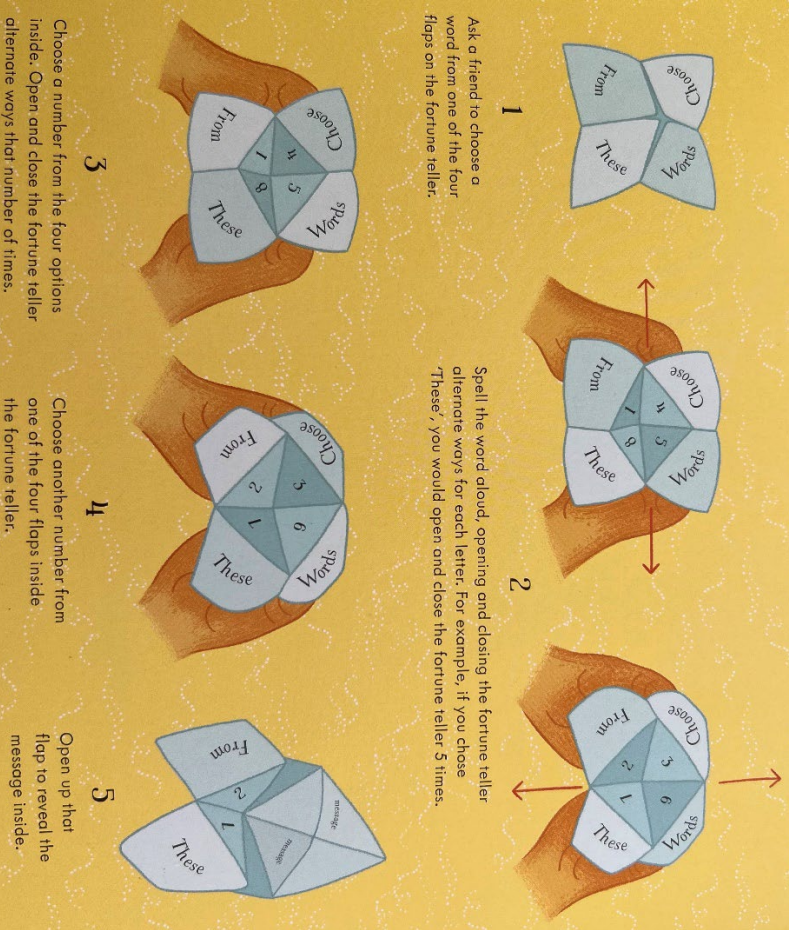
CARING  
 FLOOD  
 HURRICANE  
 RAIN  
 STRONG  
 TROOP  
 WEATHER

Title: Fortune Tellers To Fold  
 Author: Lucy Bowman  
 Illustrators: Anne Passchier, Essi  
 Kimpimaki, and Alex Westgate  
 Publisher: Usborne Publishing Ltd.

## HOW TO MAKE A FORTUNE TELLER



## HOW TO USE A FORTUNE TELLER





## Shadow Hand Puppets

**Eagle**



**Bunny**

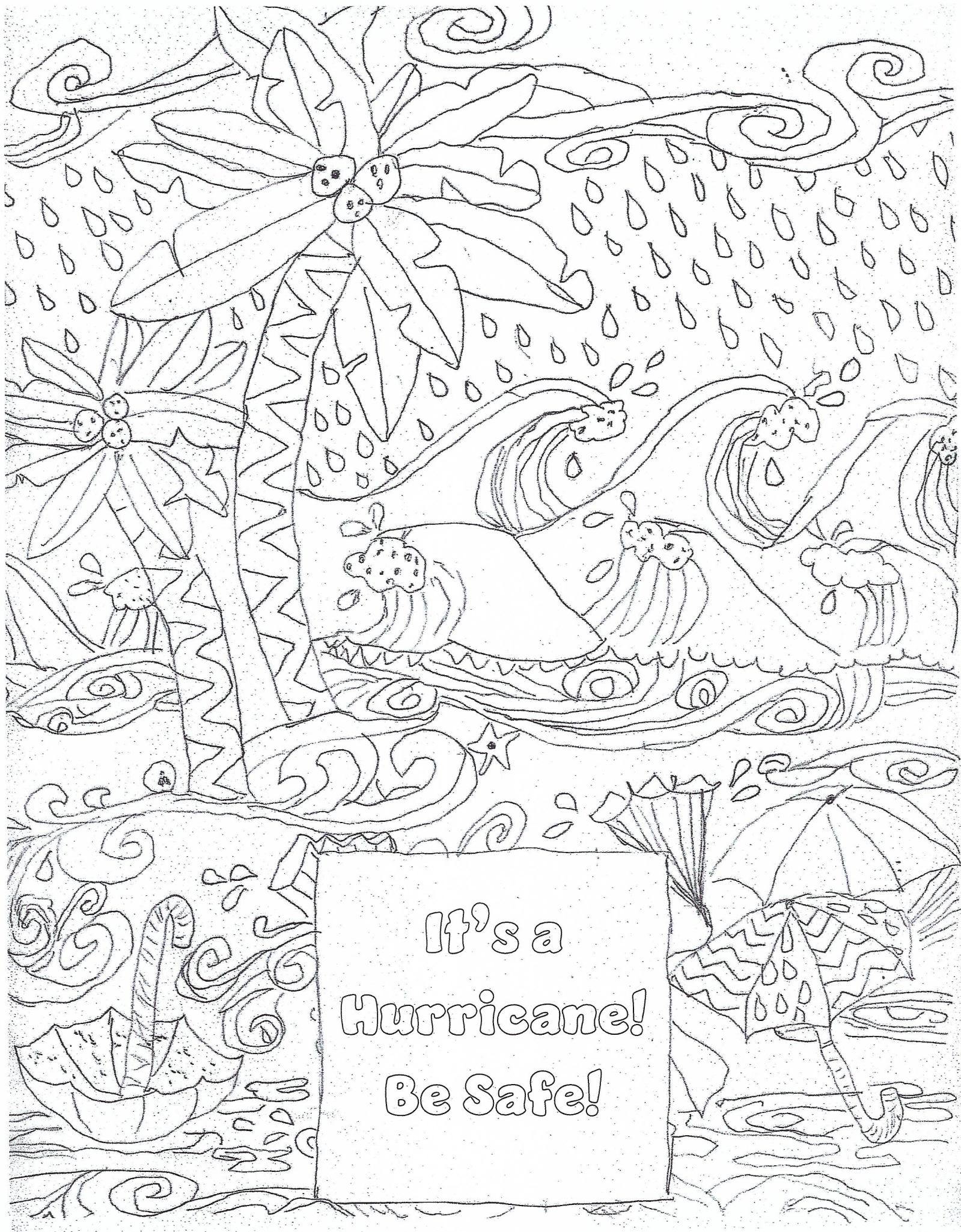


**Dog**



**Reindeer**



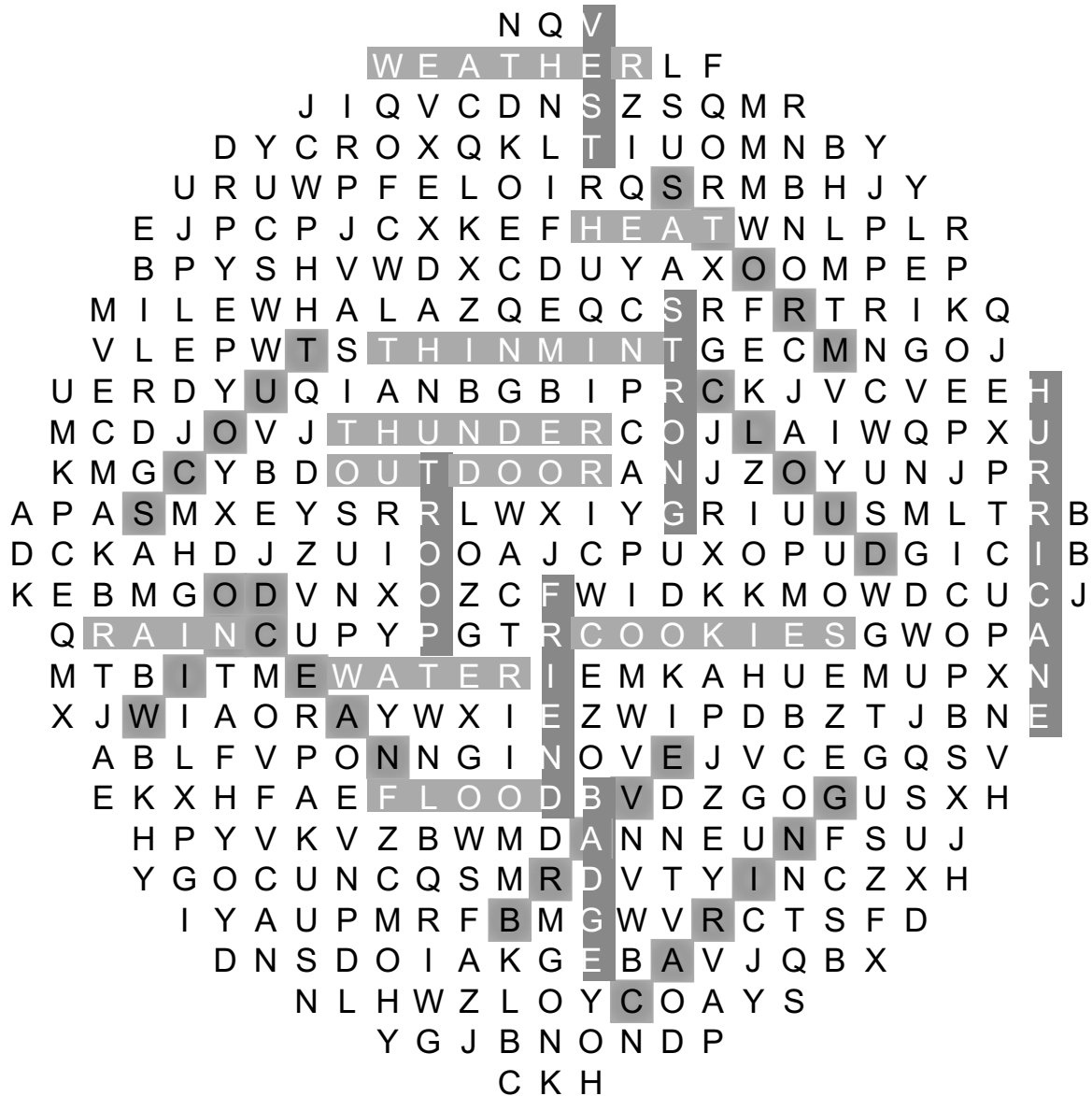


It's a  
Hurricane!  
Be Safe!



# Hurricane Word Search

Find the hurricane and Girl Scout inspired words in the puzzle below.



BADGE  
CLOUD  
FRIEND  
OCEAN  
SCOUT  
THINMINT  
VEST  
WIND

BRAVE  
COOKIES  
HEAT  
OUTDOOR  
STORM  
THUNDER  
WATER

CARING  
FLOOD  
HURRICANE  
RAIN  
STRONG  
TROOP  
WEATHER

## Answer Key

- For those traditional answers....

Tropical cyclones/hurricanes are intense circular **STORMS** that originate over **WARM**, tropical oceans and have a maximum sustained **WIND** speed of **74** MPH with **HEAVY** rain.

A hurricane can dump 6 to 12 **INCHES** of **RAIN** across the region.

The eye is a region of mostly **CALM** weather at the

**CENTER** of a hurricane. The **EYE** of the storm is a circular area typically 12-30 **MILES** in diameter.