

SEVERE WEATHER SAFETY

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Adam Cooper
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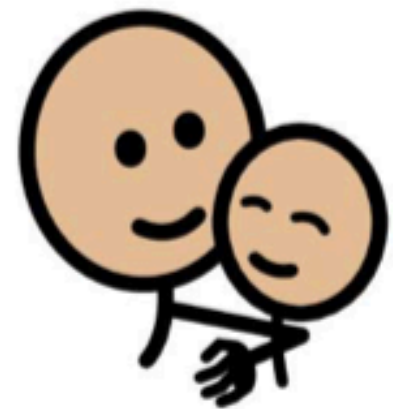
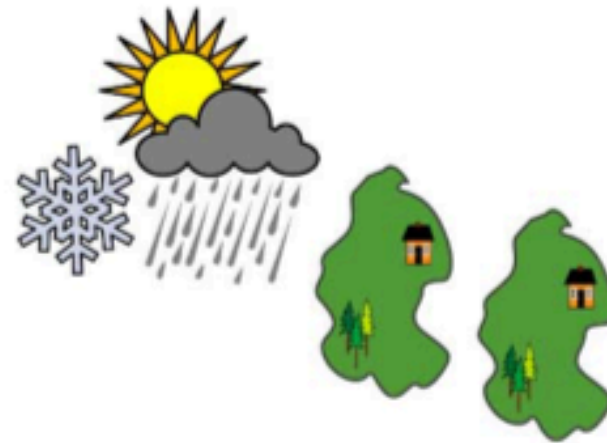
September is National Preparedness Month. Being prepared for any weather is important !

A program helps people prepare for weather. This program is Weather-Ready Nation.



Weather-Ready Nation has a website. The website has information about weather.

People visit the website.
They learn about weather
in their areas.



People learn how to be safe in
dangerous weather.



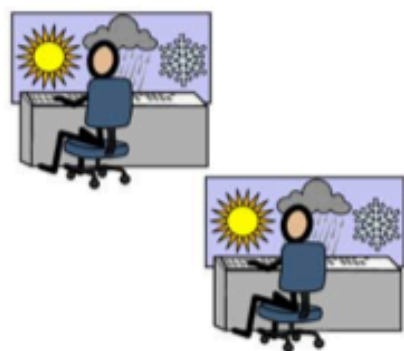


The National Weather Service leads Weather-Ready Nation.

The National Weather Service is a government group.



Many meteorologists work for the National Weather Service. Meteorologists are scientists. They study weather.



Some meteorologists work at weather offices. These weather offices are across the U.S.

Meteorologists work with communities near the offices. They teach people how to be safe.



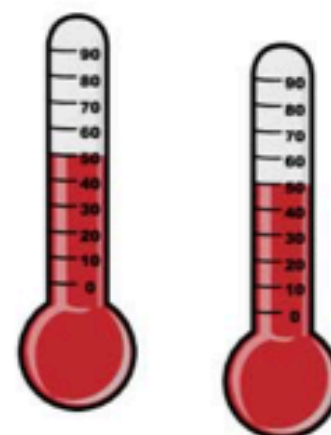
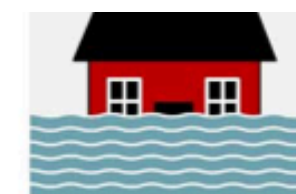
The meteorologists look for dangerous weather.





Dangerous weather can be anywhere !

**Dangerous weather includes
floods, lightning, fog and wind.**



**Temperatures can be dangerous too.
Very hot or very cold temperatures
can hurt people.**

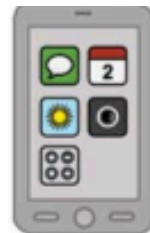


People should know when dangerous weather is coming.

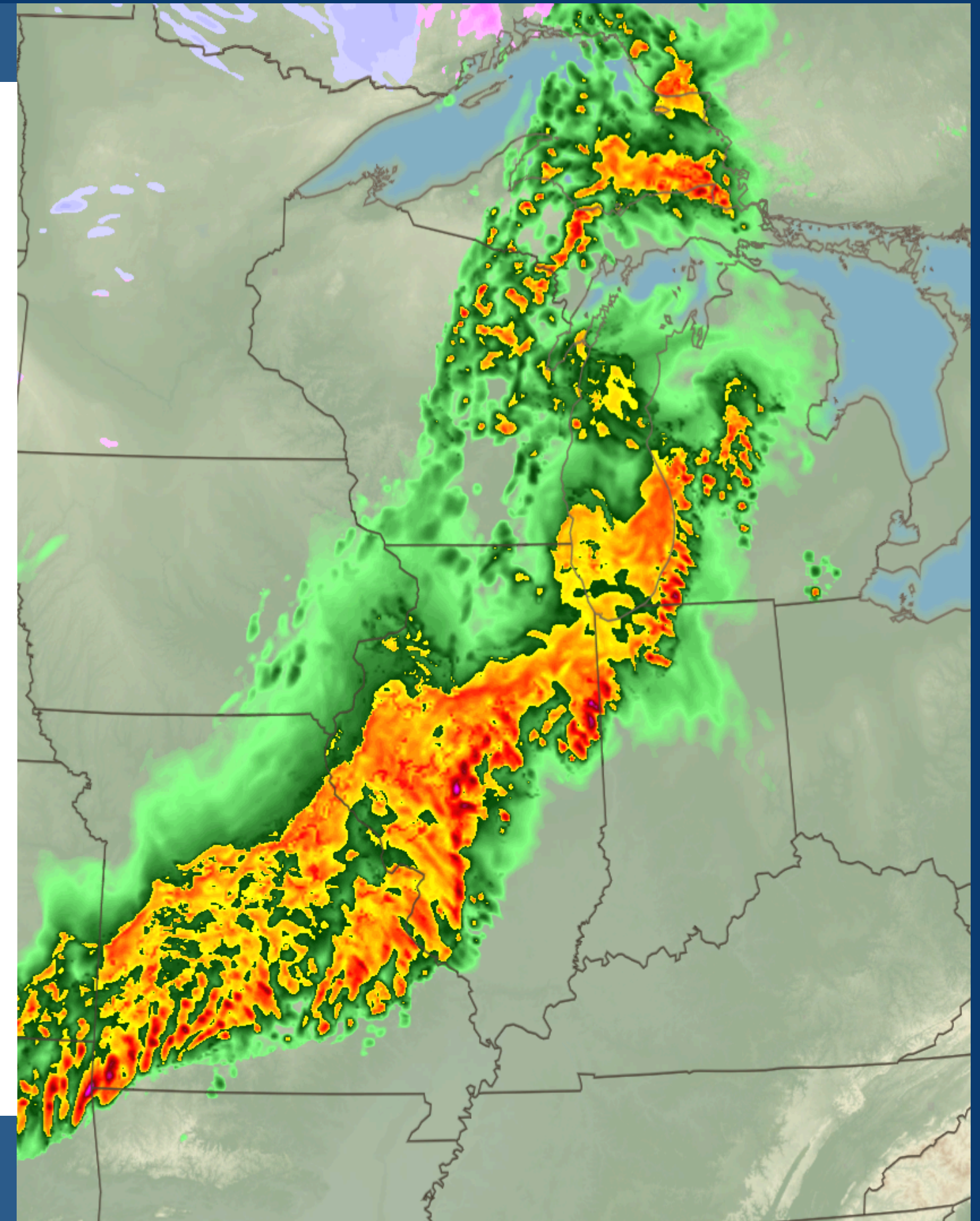
Weather reports can help.
Weather reports tell people
about weather in their areas.

MON	TUE	WED	THU
			
81 65	68 59	72 58	75 50

MON	TUE	WED	THU
			
81 65	68 59	72 58	75 50



People get weather reports
from websites, apps, TV
and radio.





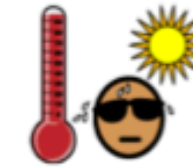
Any place can have dangerous weather. Being prepared can help people be safe.

**SEVERE
HEAT**

Summer temperatures are hot.



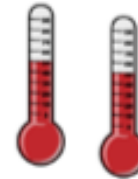
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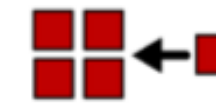
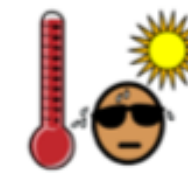
Spring and fall temperatures can be hot too.



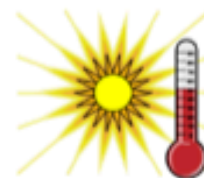
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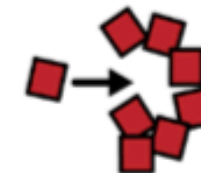
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Heat is dangerous for people with disabilities.



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Heat is dangerous for all

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adults, 

children, 

and pets. 

Heat can make people feel dizzy and sick.

 =     + 

To be safe:



stay in cool places, 

wear light, loose clothes, 

and drink water. 

People should check on neighbors and friends too.

   →  +  





How to stay safe in extreme heat: tips from the American Red Cross

American Red Cross

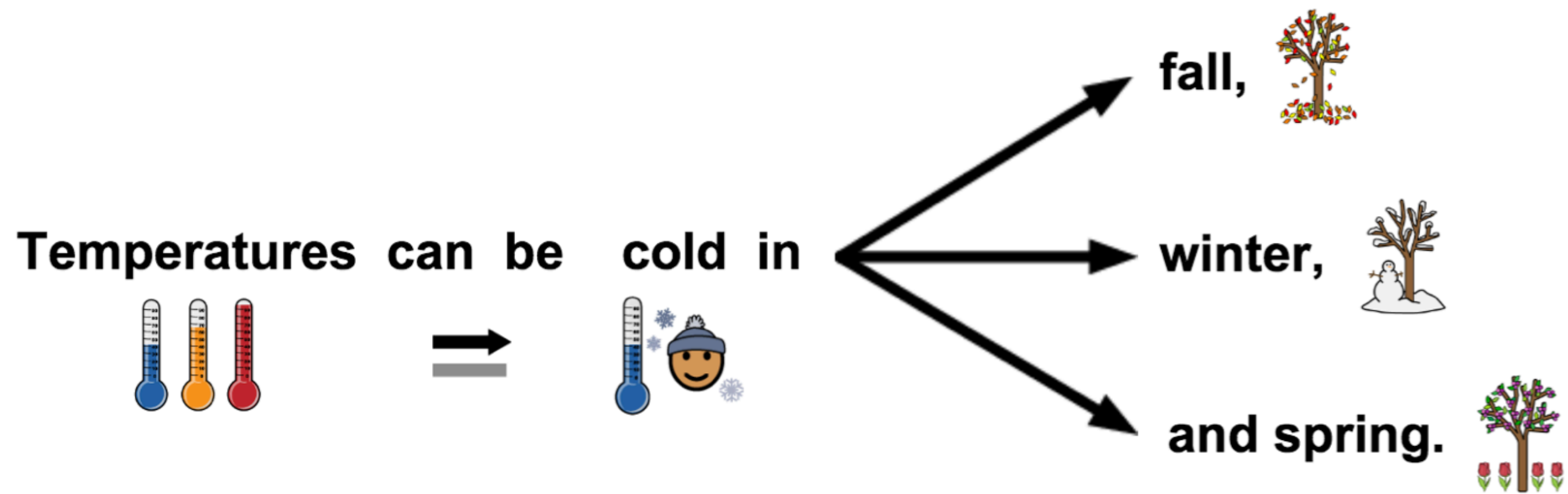


From a channel with a health professional licensed in the US



Watch on  YouTube

**SEVERE
COLD**

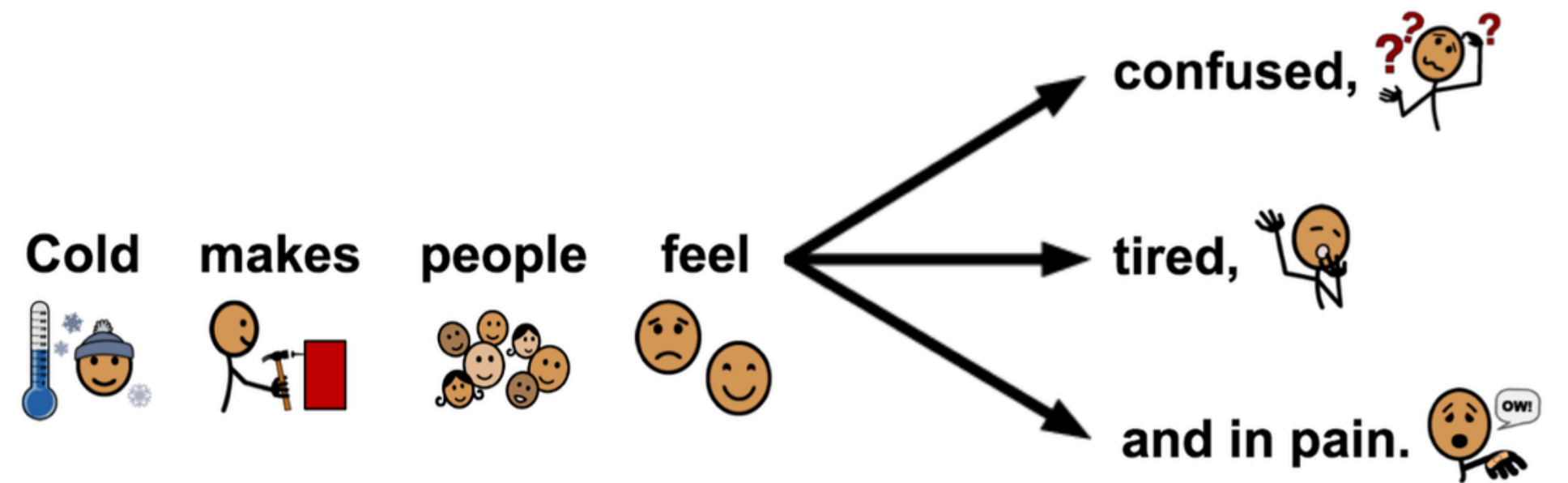


Cold is dangerous for people with disabilities.

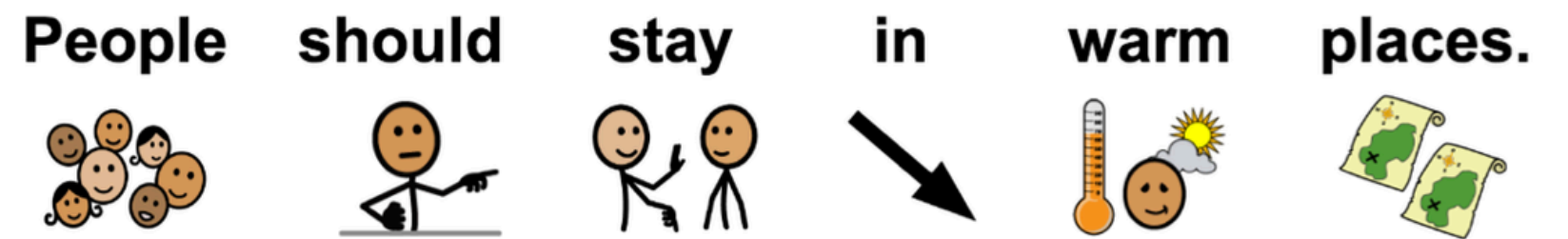


Cold is dangerous for all

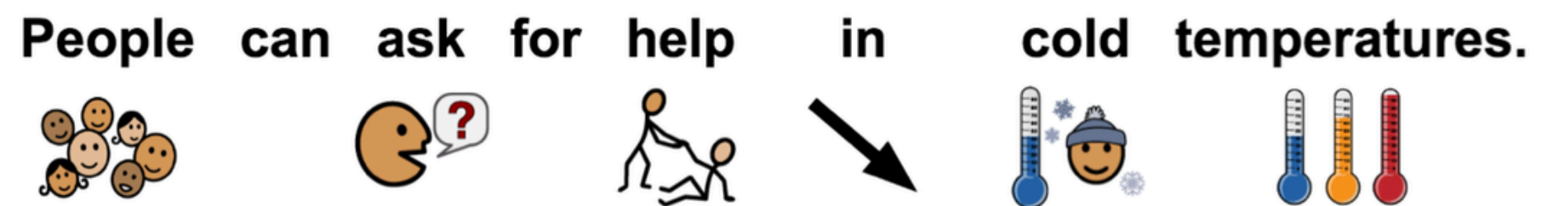




People **should** **stay** **in** **warm** **places.**



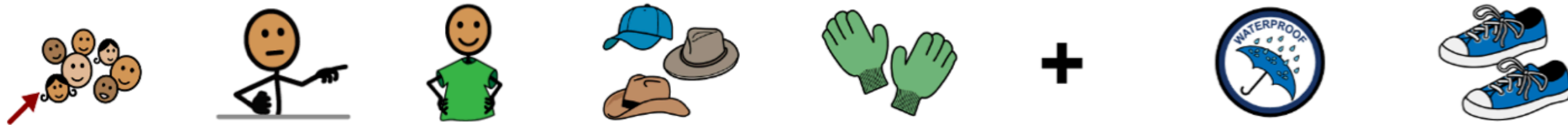
People **can** **ask** **for** **help** **in** **cold** **temperatures.**



They should wear layers of clothing.



They should wear hats, gloves, and waterproof shoes.



People should check on neighbors and friends too.





FEMA Accessible: CDC Preparing for Winter Weather

FEMA

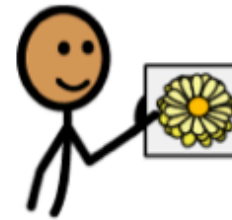


Watch on  YouTube

FLOODS

A weather report may show rain is coming.

MON	TUE	WED	THU
			
81	68	72	75
65	59	58	50



Rain can bring floods.



Flood water may rise slowly or quickly.



or





Any area can have floods.



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Floods are dangerous.



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Floods are emergencies !

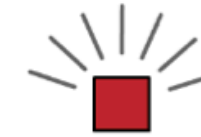


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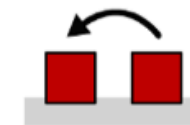
Being prepared for a flood is important.



Know what to do:



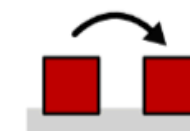
- before a flood



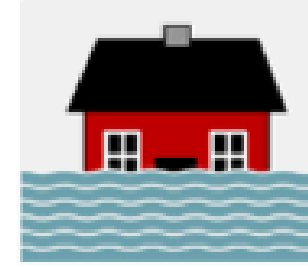
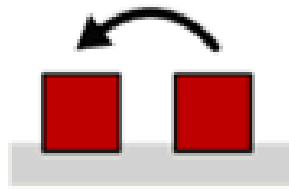
- during a flood



- and after a flood.



Before a flood:



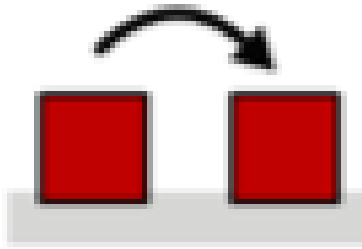
- make a plan,
- know your risk,
- make a communication plan,
- charge devices,
- sign up for notifications,
- know a safe place,
- and ask for help.

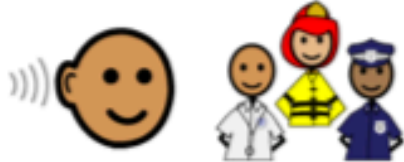
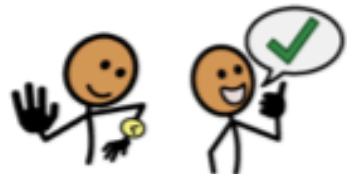
During a flood:



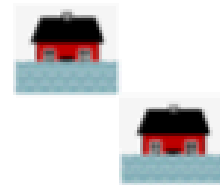
- stay calm,
- listen to emergency alerts,
- obey evacuation orders,
- go to higher ground,
- take devices,
- and do not walk through floods.

After a flood:



- listen to authorities, 
- do not walk through floods, 
- wait for an all clear announcement, 
- and contact your family. 

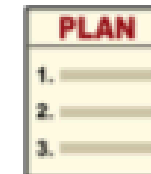
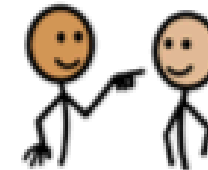
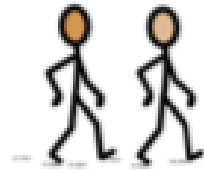
Floods are dangerous.



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Follow your plan.



Stay calm.





Everything You Need to Know During a Flash Flood

Lifehacker



SURVIVING A FLASH FLOOD



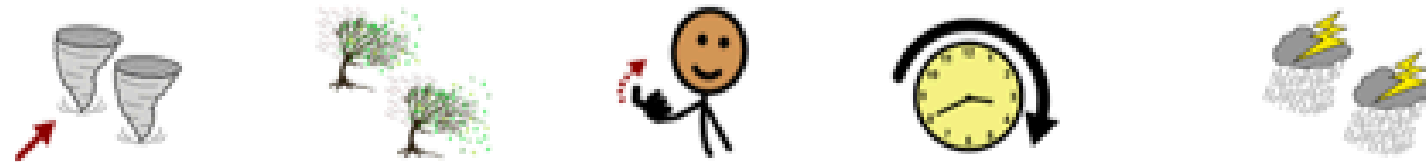
Watch on  YouTube

TORNADOES

Tornadoes are dangerous, spinning winds.



These winds come during thunderstorms.



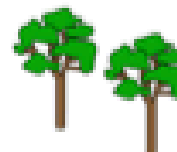
Tornadoes can destroy



homes,



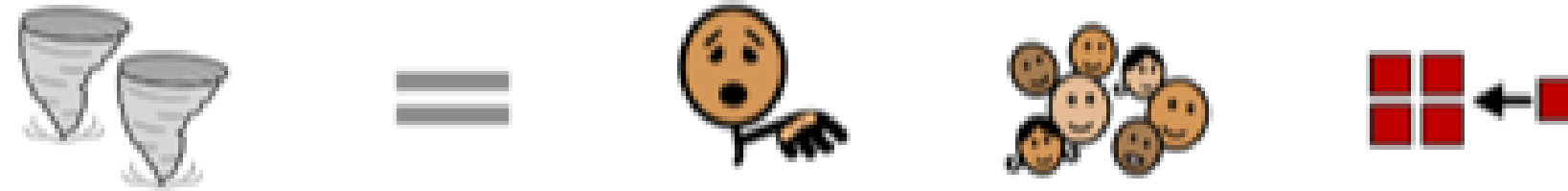
trees,



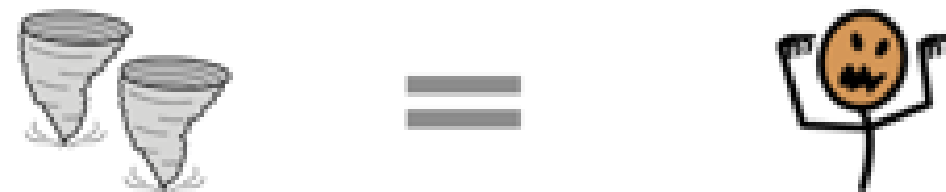
cars and more.



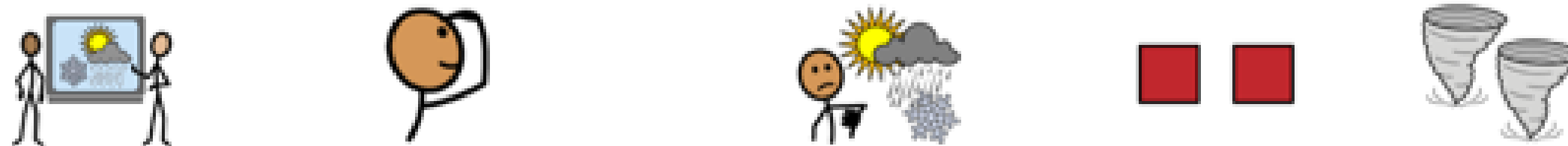
Tornadoes can hurt people too.



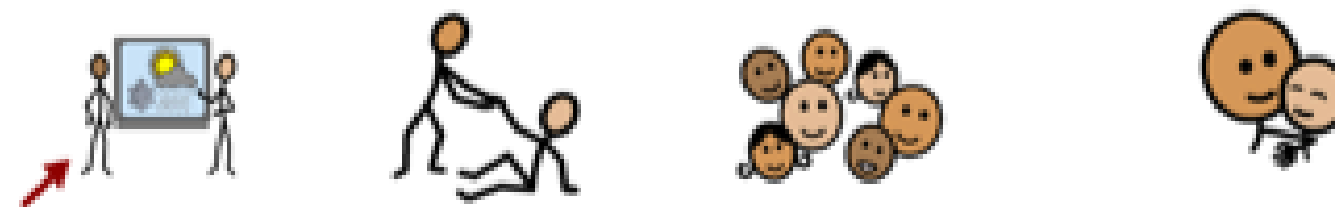
Tornadoes can be scary.



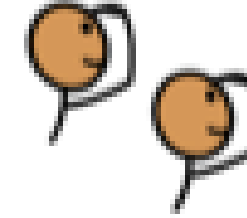
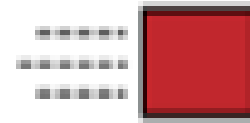
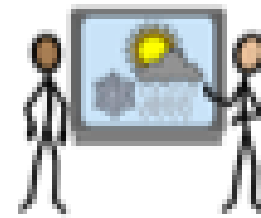
Meteorologists watch for bad weather, like tornadoes.



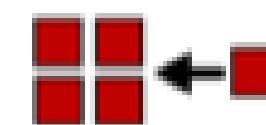
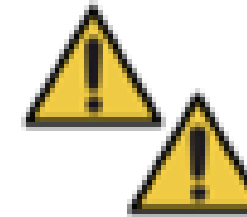
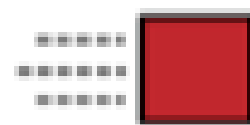
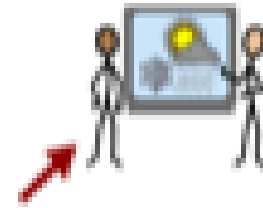
They help people be safe.



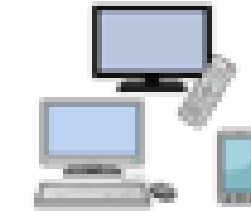
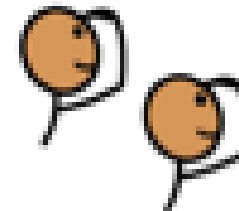
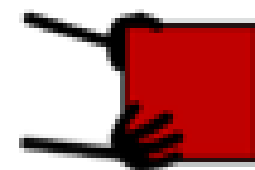
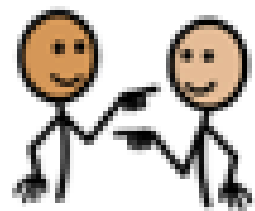
Meteorologists send tornado watches.



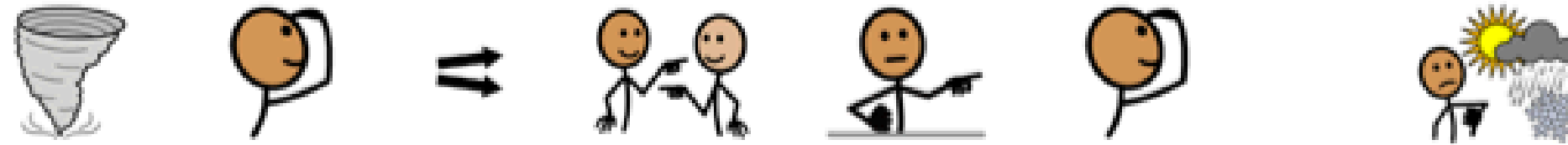
They send tornado warnings too.



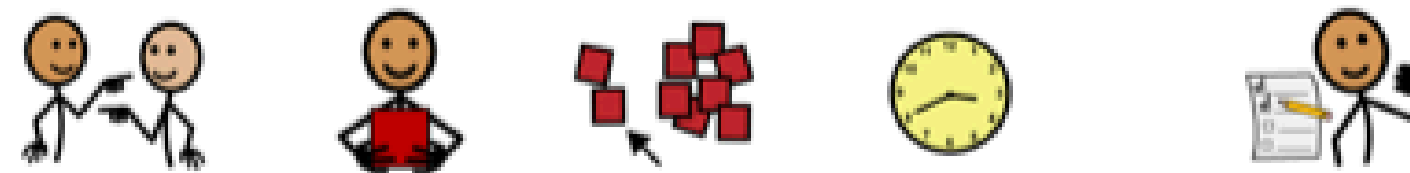
You can get watches and warnings on media.



A tornado watch means you should watch for bad weather.



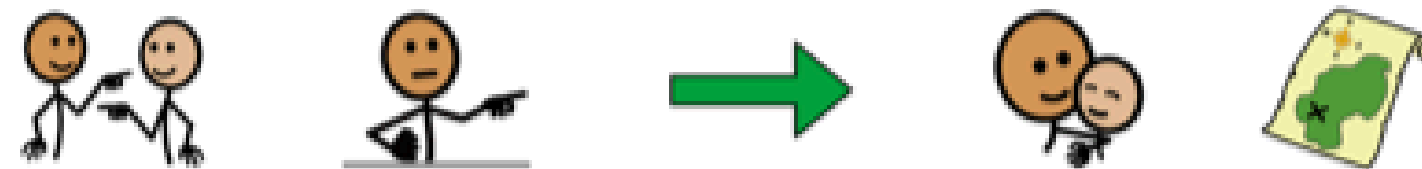
You have some time to prepare.



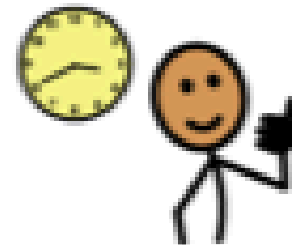
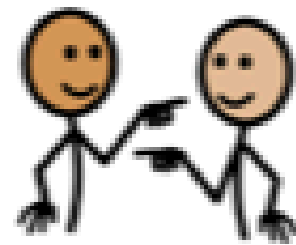
A tornado warning means a tornado is near !



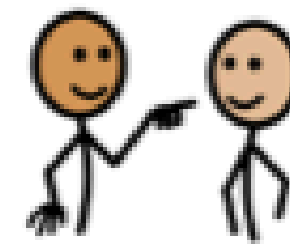
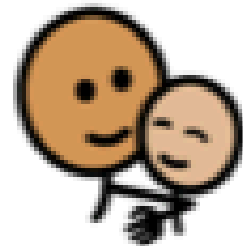
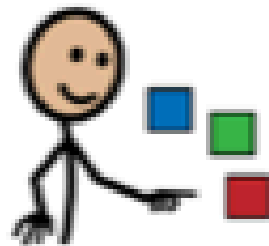
You should go to a safe place.



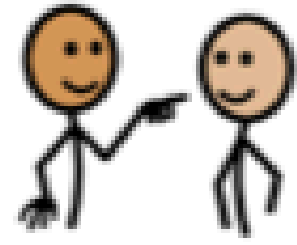
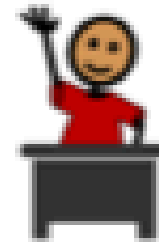
You can be ready for a tornado.



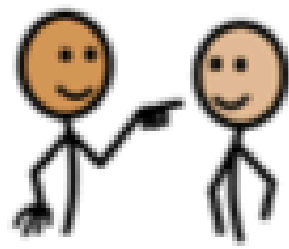
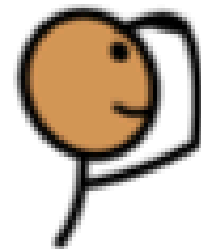
Choose a safe place in your home.



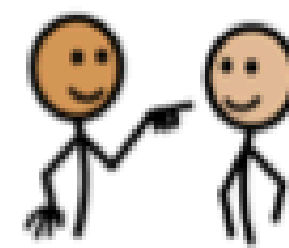
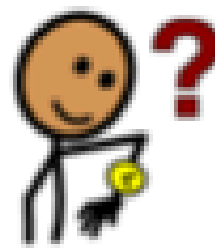
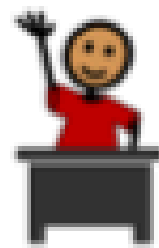
Know your community warnings.



Watch your local media.



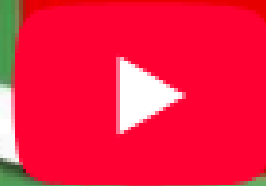
Know when a tornado could be in your area.





Get Weather Ready: During a Tornado

National Weather Service (NWS)



TORNADO WARNING



If your area is under a tornado warning, act now.

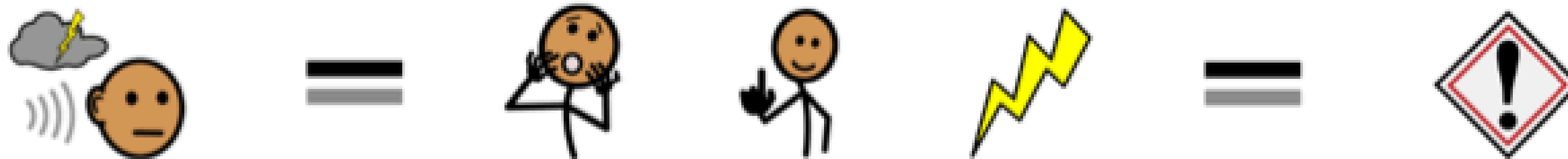
Watch on  YouTube

**LIGHTNING,
THUNDERSTORMS,
& HAIL**

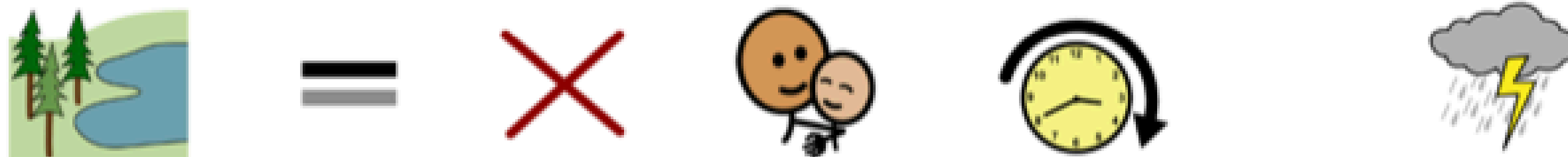
Thunderstorms have lightning and thunder.



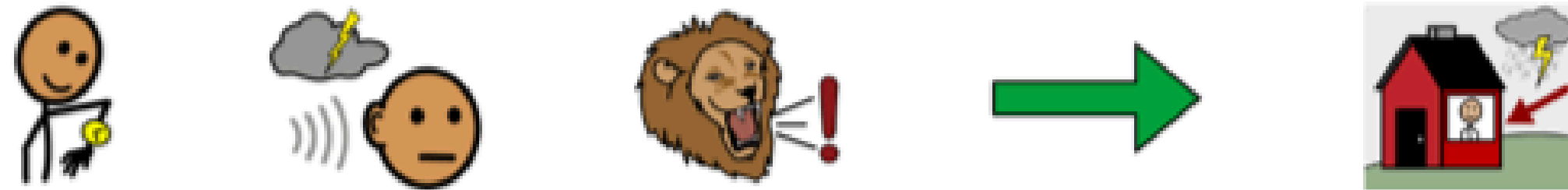
Thunder is scary, but lightning is dangerous.



Outdoors is not safe during a thunderstorm.



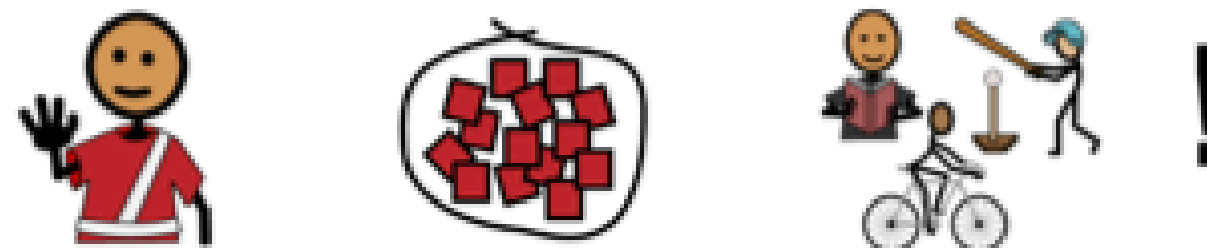
When thunder roars, go indoors.



Thunder means lightning is near.



Stop all activities !

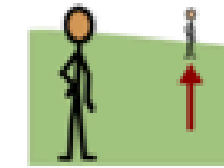




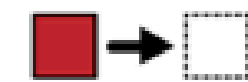
Move



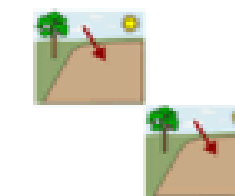
away



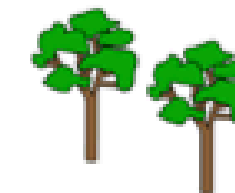
from:



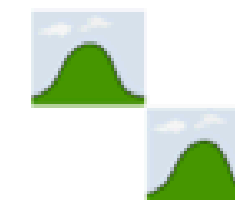
- **fields**



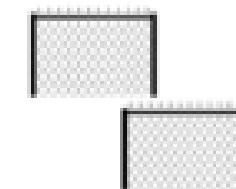
- **trees**



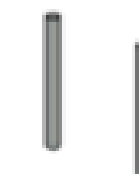
- **hills**



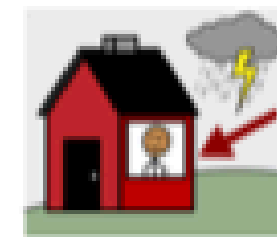
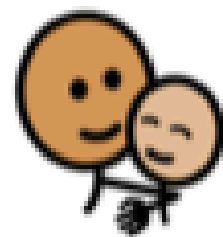
- **metal fences**



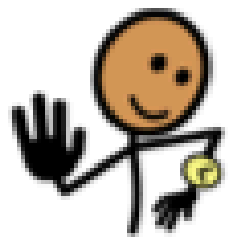
- **and poles.**



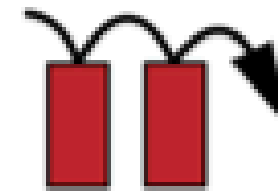
Find a safe place indoors.



Wait 30 minutes indoors after the thunderstorm ends.



30





Lightning Safety
WeatherNation

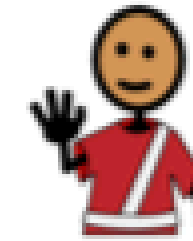


LIGHTNING SAFETY

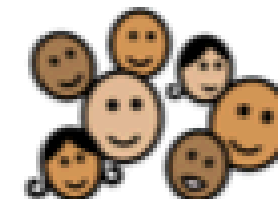
Watch on  **YouTube**

WILDFIRES

Wildfires can be hard to stop.



Authorities may tell people to leave the area.





Wildfires are dangerous !



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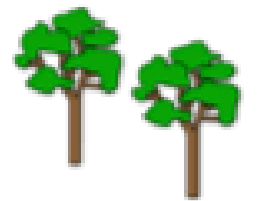
They can burn



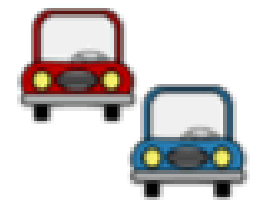
homes,



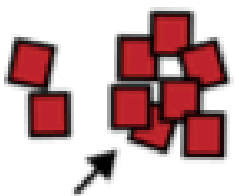
trees,



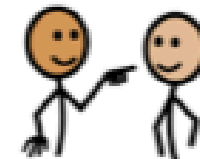
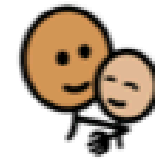
cars



and more.



To stay safe, you can:



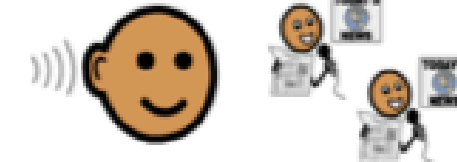
- Pack emergency supplies



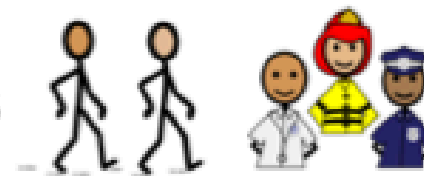
- Make an action plan



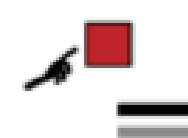
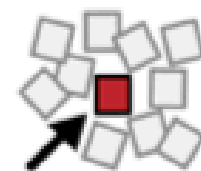
- Listen to local reports



- Obey authorities



Return only when authorities say it is okay.





Home Wildfire Preparedness

National Fire Protection Association



Watch on  YouTube

**WHAT OTHER
NATURAL OR
WEATHER EVENTS
CAN HAPPEN
IN OUR AREA?**

EARTHQUAKES

EARTHQUAKES

An earthquake is when the ground shakes.

Earthquakes can happen without warning.

In case of an earthquake:

- **DROP** to the ground.
- **COVER** your head and neck under a sturdy table or desk.
- **HOLD ON** until the shaking stops.
- Stay away from windows, glass, and things that could fall.
- If you are outside, move away from buildings, trees, and power lines.



After the shaking stops, check yourself and others for injuries.

Be prepared for aftershocks — more shaking can happen.

Listen to emergency workers and follow their directions.

**WHAT OTHER
NATURAL OR
WEATHER EVENTS
CAN HAPPEN
AWAY FROM
OUR AREA?**

VOLCANOES



VOLCANOES

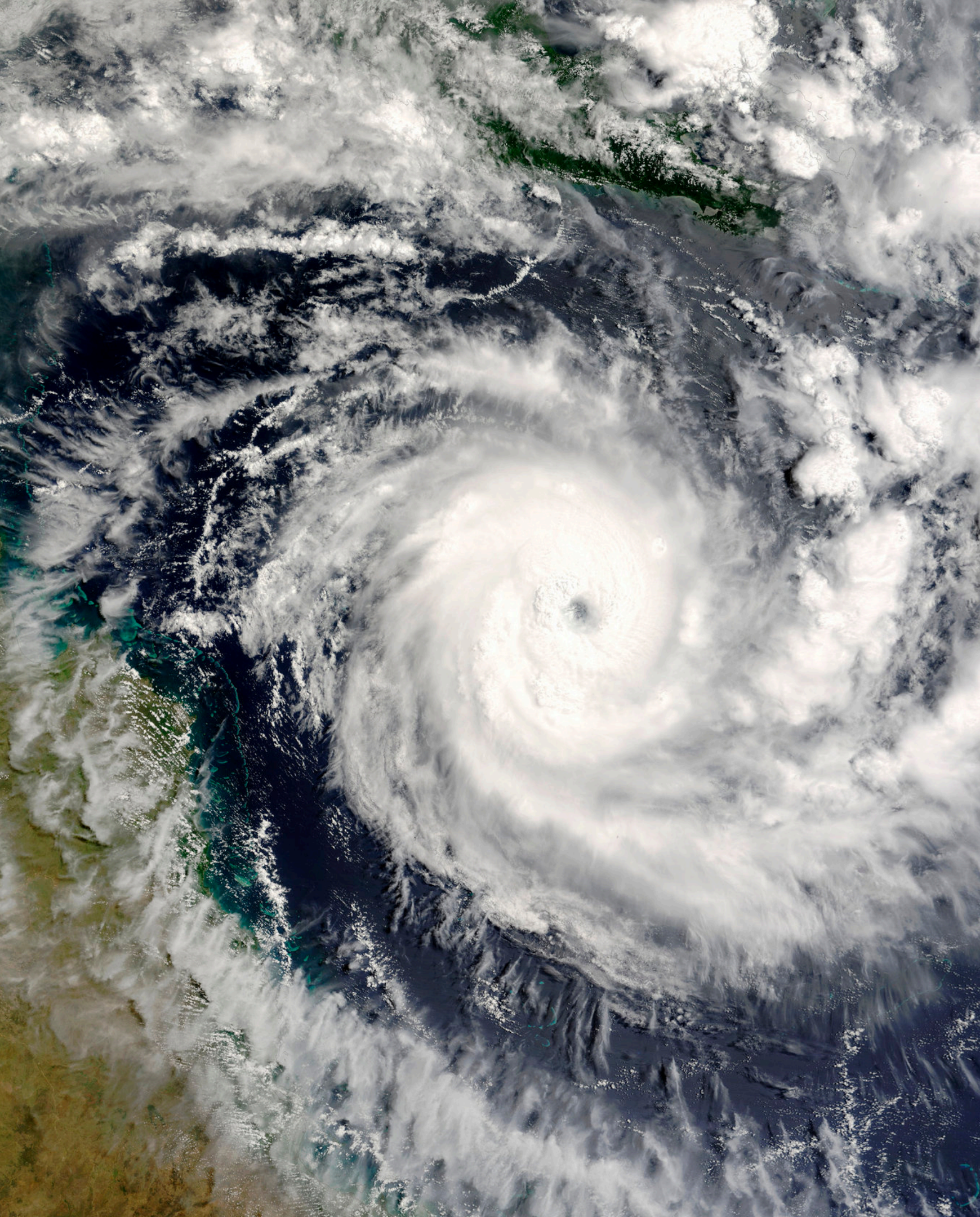
Volcanoes are big mountains that can erupt with lava.

Volcanoes are not near Illinois.

In case of a volcano eruption:

- **Evacuate the area** immediately.
- **Follow official orders** and warnings to keep safe.
- **Stay inside a safe building** until officials say it is safe to return outside .

HURRICANES AND TYPHOONS



HURRICANES AND TYPHOONS

Hurricanes are violent storms with high winds.

Hurricanes typically happen near oceans.

In case of a hurricane:

- **Evacuate the area** if told to do so by officials.
- **Follow official orders** and warnings to keep safe.
- **Stay inside a safe building** on the lowest floor in an interior room.
- **Stay away** from glass doors and windows.

TSUNAMIS



TSUNAMIS

Tsunamis are huge ocean waves that can be very dangerous.

Tsunamis happen where the ocean meets land.

In case of a Tsunami:

- **Move to high ground** immediately to stay safe.
- **Follow official orders** and warnings.
- **Drop, cover, and hold on** if it feels like there is also an earthquake.

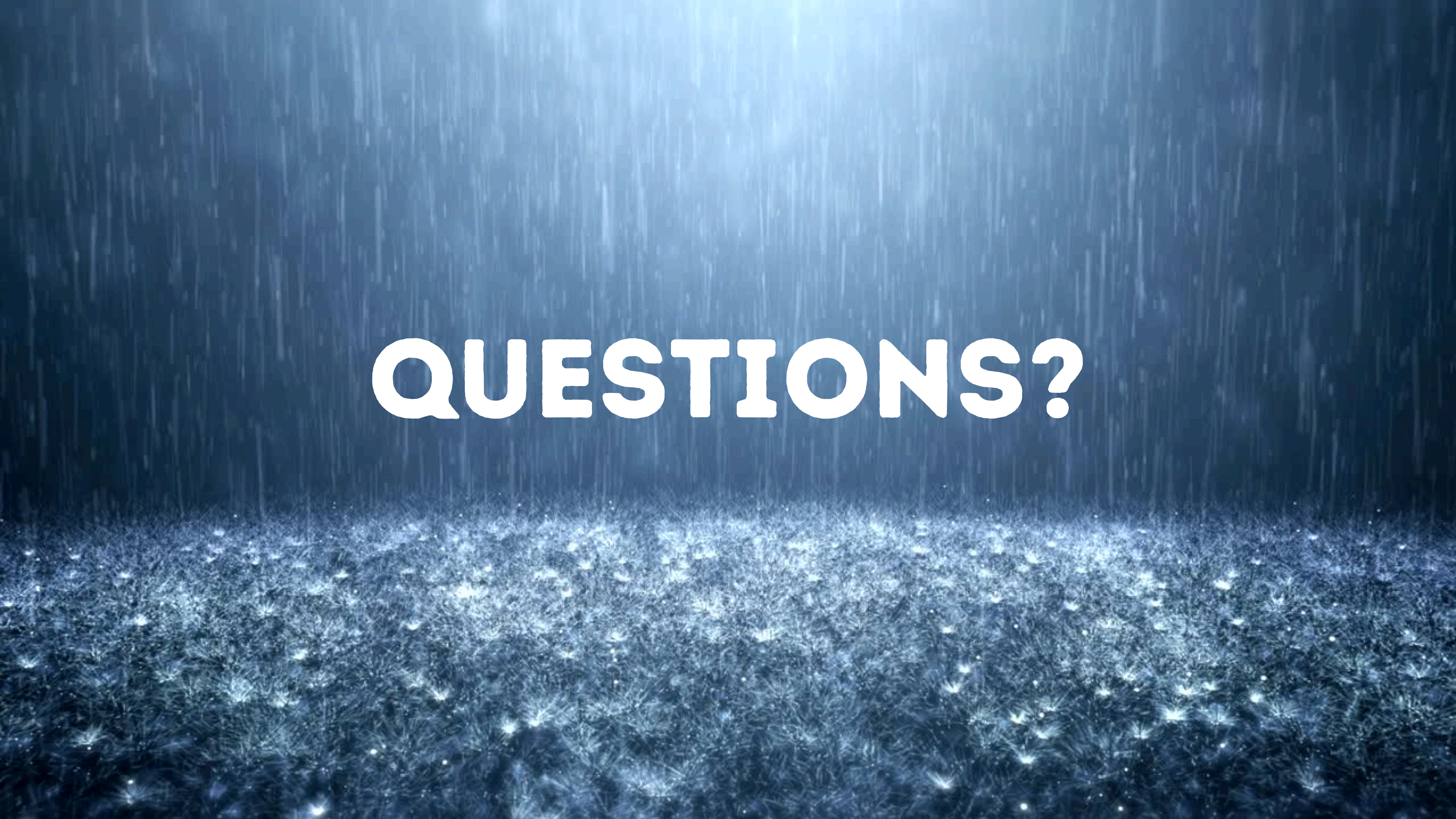
HOW CAN WE STAY SAFE?

Weather can be powerful, but we can stay safe by:

- Listening to weather warnings on the news.
- Staying inside during storms or extreme weather.
- Having an emergency kit with food, water, and supplies.
- Learning about weather so we can be prepared!

Thank you for learning how to be safe during severe weather.





QUESTIONS?