SCIENCE

Severe weather safety

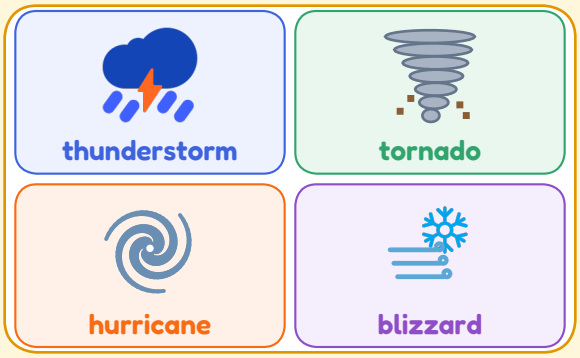


Name _____ Date _____

I can tell how to stay safe in severe weather.

1 How it works

Sometimes weather is dangerous. A thunderstorm brings lightning, so go inside. A tornado is a spinning funnel of wind: go to a low room with no windows. A hurricane is a huge storm that forms over the warm ocean. A blizzard is a snowstorm with strong wind. Forecasters warn us, so we can get ready in time.



2 Name the severe weather

Use the words in the box.

thunderstorm | tornado | hurricane | blizzard | flood



lightning
Bright flashes and loud booms.

_____



snowstorm
Heavy snow and strong wind.

_____



funnel
A spinning funnel of wind.

_____



giant storm
It forms over the warm ocean.

_____



dark sky
Dark clouds, rain and thunder.

_____



high water
Water covers streets and homes.

_____

How did I do? ☆ ☆ ☆

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SCIENCE · SEVERE WEATHER SAFETY

Be ready, stay safe

Name _____ Date _____

I can tell safe from unsafe choices in severe weather.

1 Safe or not safe? Circle it.

1. Go inside when you hear thunder. — safe / not safe
2. Swim in a pool during a thunderstorm. — safe / not safe
3. Walk through flood water. — safe / not safe
4. In a tornado, go to a low room with no windows. — safe / not safe
5. Listen to weather warnings with a grown-up. — safe / not safe

2 Pack a safety kit. Circle what to pack.

Pack 4 of these.

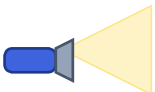

first-aid kit


a ball


water


ice cream


canned food


flashlight


a kite


a cupcake

How did I do? ☆ ☆ ☆

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SCIENCE · SEVERE WEATHER SAFETY

Think like a scientist



Name _____ Date _____

🎯 **I can explain how people prepare for severe weather.**

1 Think about it ❓

1. Why go inside when you hear thunder? _____
2. Why stay away from windows in a storm? _____
3. How do forecasts keep people safe? _____
4. Where is a safe spot in your home? _____

2 True or false? Circle it. ✅

1. Flood water is safe to walk through.	true	false
2. Lightning can strike tall things outside.	true	false
3. In a tornado, go to a low room with no windows.	true	false
4. Weather warnings help people get ready.	true	false
5. It is safe to swim during a thunderstorm.	true	false

3 Draw your family's safe spot for a big storm. 🖍️

How did I do? ☆ ☆ ☆

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SCIENCE · SEVERE WEATHER SAFETY

Try it: a storm safety plan



Name _____ Date _____

🎯 **I can help my family get ready for a storm.**

1 You need 📦

- a notebook
- a pencil
- a grown-up
- a box or a bag
- a flashlight

2 What to do

1. With a grown-up, talk about the storms that can happen where you live.
2. List what a safety kit needs: water, canned food, a flashlight, batteries, a first-aid kit and a blanket.
3. Look around your home and tick each thing you already have.
4. Choose your safe spot and a family meeting place.

3 I predict 💡

Which kit item is the most important? Why?

_____

_____

4 What I see 🔍

Kit item	Do we have it?	Where is it?
water		
flashlight		
first-aid kit		
blanket		

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: severe weather safety

1 Page 1

Answers: 1) lightning: thunderstorm; 2) snowstorm: blizzard; 3) funnel: tornado; 4) giant storm: hurricane; 5) dark sky: thunderstorm; 6) high water: flood.

2 Page 2

Safe: 1) safe; 2) not safe; 3) not safe; 4) safe; 5) safe.

Pack: a flashlight, water, canned food and a first-aid kit. Leave the kite, ice cream, ball and cupcake.

3 Page 3

Think: 1) Lightning may be close; 2) Strong wind can break the glass; 3) They warn people to get ready; 4) A low room with no windows.

True or false: 1) false; 2) true; 3) true; 4) true; 5) false.

Drawing: answers will vary. Look for a low, inside room away from windows.

4 Page 4: Try it!

Answers will vary. Most families already have some items and need a few more, such as spare batteries. The most important things are water, a light that works without power, and a plan everyone knows. Getting ready before a storm is how people stay safe.

5 Teaching tip 💡

Practice your school storm drill calmly and talk about why each step matters. Knowing the plan helps children feel safer, not more scared.

Safety: in a real emergency, always follow a grown-up and official warnings.

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