



WEATHER SAFETY

Coach Mullen

Open Ended Question

Name weather emergencies common in your area. List two or three things your school does to prepare.

LEARNING OUTCOMES

SWBAT Identify types of weather emergencies and natural disasters.

SWBAT recognize how to prepare for weather emergencies and natural disasters.

SWBAT compare and contrast the difference between weather emergencies and natural disasters.

VOCABULARY

Natural Disasters- Events caused by nature that result in widespread damage destruction, and loss.

Hurricane- A strong tropical windstorm with driving rain.

Frostbite- Freezing of the skin

VOCABULARY

Tornado- A whirling, funnel-shaped windstorm that drops from the sky to the ground.

Earthquake- The shaking of the ground as rock below the surface moves.

WEATHER EMERGENCIES AND NATURAL DISASTERS

Having an emergency kit is part of preparing for natural disasters.

- Natural disasters- events caused by nature that result in wide spread damage, destruction, and loss.

THUNDERSTORMS

Lightning is the most dangerous part of a thunderstorm.

Lightning is caused by clouds releasing stored-up electrical energy



<https://www.youtube.com/embed/S7Kre4fEWTI>

THUNDERSTORM TIPS

Seek shelter

Do not use electronic devices

If you are in a large field with no shelter, lie, down

Avoid all metal objects

Stay away from trees and electric wires.

Stay away from water.

HURRICANES

A hurricane can cause high waves, which in turn can produce flooding.

- Hurricane is a strong tropical windstorm with driving rain.

Wind speed during a hurricane can reach or exceed 100 miles per hour.

Quiz

Quiz

What is the most dangerous part of a thunderstorm?

- Thunder
- Lightning
- Wind

What should you do during a thunderstorm?

- Seek shelter
- Go swimming
- Stand under a tree

HURRICANE TIPS

Board windows.

Bring in outdoor objects

Monitor TV and radio reports closely.

Obey orders to leave the area if instructed.

FLOODS

The most common natural disaster are floods.

Flooding is especially serious in regions near large bodies of water.

FLOOD TIPS

Never walk or ride in a car through floodwater.

Watch out for downed power lines.

Only drink bottled water.

Clean and disinfect everything that touched floodwater.

Throw out all contaminated food.

Make sure the water supply is safe before drinking.

Quiz

Quiz 2

_____ is a tropical wind storm with driving rains.

- Flood
- Thunderstorm
- Hurricane

_____ is the most common natural disaster.

- Hurricane
- Flood
- Thunderstorm

BLIZZARDS

A blizzard can shut down roads and make it hard for food and other daily needs to reach consumers.

A whiteout is a state where snow falls so rapidly visibility is significantly reduced.

BLIZZARDS

Health risks from being in a blizzard include:

- Hypothermia
 - A sudden and dangerous drop in body temperature.
- Frostbite
 - Freezing of the skin
 - Frostbite can cause severe injury to the skin and sometime to deeper tissue.

TORNADO

A tornado is most likely to occur in the flat central regions of the country.

- Tornado
 - Is a whirling, funnel-shaped windstorm that drops from the sky to the ground.

TORNADO TIPS

Go to a storm cellar.

If you don't have a storm cellar, go to a hallway, bathroom, or other room with no windows.

Don't stay in a car or mobile home.

If you are outdoors, look for a ditch and lie down.

Quiz

Quiz 3

_____ is a whirling, funnel shaped wind storm that drops from the sky to the ground.

- Blizzard
- Hurricane
- Tornado

**David has been stranded in the snow for several hours. He is suffering from a sudden and significant drop in body temperature and freezing of the skin.
Which of the following conditions does David have**

- Hyperthermia and heat stroke
- Gangrene
- Hypothermia and frostbite

EARTHQUAKES

If you are inside when an earthquake hits, stay there.

- Earthquake
 - The shaking of the ground as rock below the surface moves.

EARTHQUAKE TIPS

Brace yourself in a doorway.

If possible, crawl under a large piece of furniture.

Move away from objects that could fall.

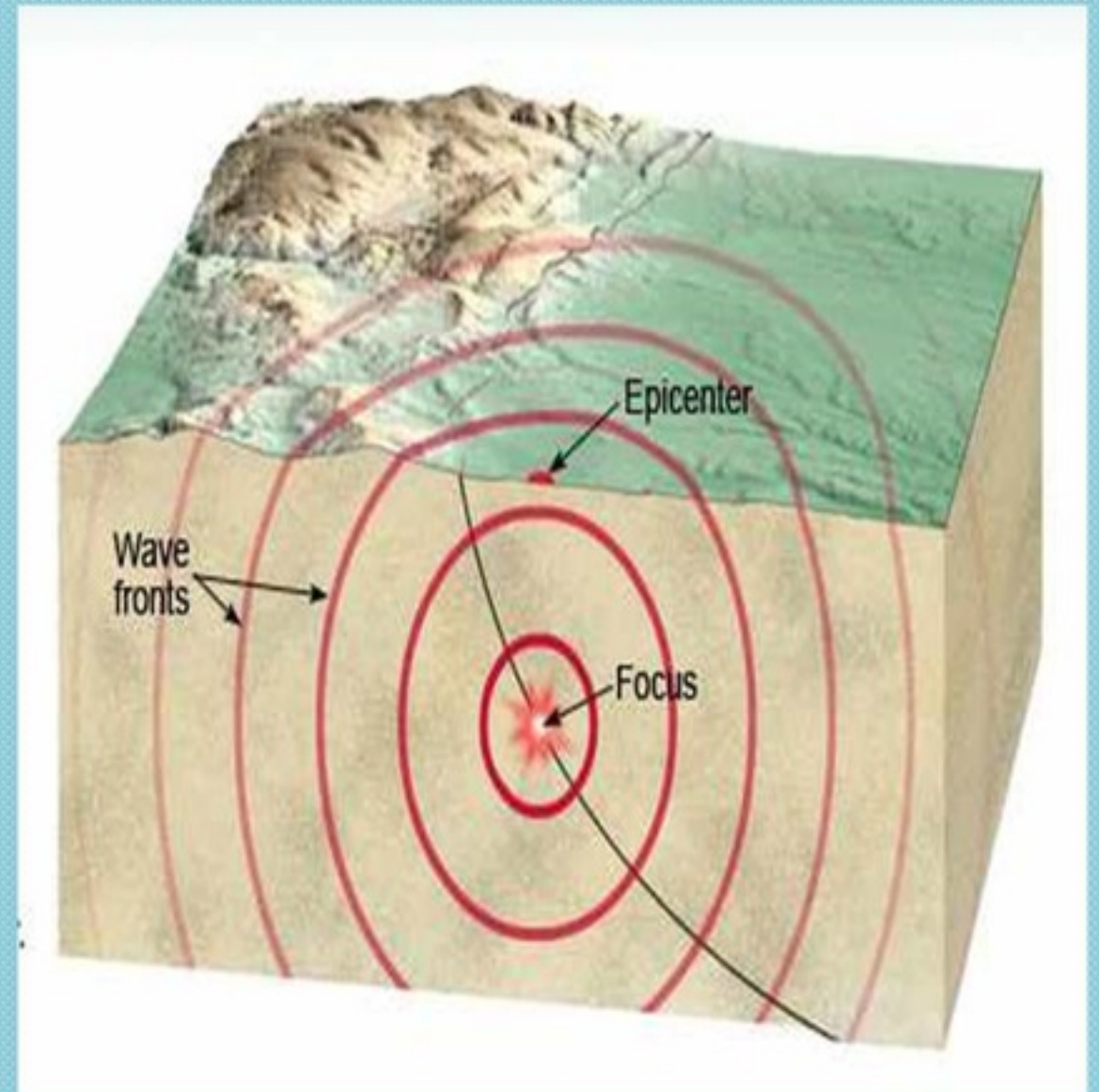
If you are outside, stand in the open and stay away from trees, buildings, and power lines.

After an earthquake, report any odor of gas.

ACTIVITY

Identify the following natural disasters...









Open Ended Question

Which type of weather conditions can lead to white out conditions?

Open Ended Question

List two tips to remember during an earthquake.

ACTIVITY

Emergency Supply Kit: Get with a partner. List the natural disasters that happen in your area. Brainstorm and come up with a list of items you and your family need in the weather emergency kit.