



When there is an earthquake, why do some houses collapse while others don't?

**Because they were poorly built, built with poor materials, or not meeting building code regulations.**

Are earthquakes natural or man-made hazards?

**They are natural hazards, although people's actions can increase their impact.**

What do you call a large number of insects or other animals that eat and destroy crops?

**A plague.**

Which of the following is a giant wave caused by an earthquake under the sea?

1. **Tiramisu**
2. **Tsunami**
3. **Timbuktu**

What is the name of the chemical reaction between oxygen, heat, and fuel?

**Fire.**

Why is it dangerous to play with matches in the forest?

**Because you can start a forest fire. Once a fire gets going, it can destroy acres of forest, brush, or grasslands, and it is very hard to stop.**

What is a tsunami?

**It is a giant wave or a series of giant waves in the ocean caused by an earthquake or volcanic eruptions under the sea.**

Why should people not live too close to a volcano?

**To avoid being affected by a possible eruption.**

Why should you not live too close to a river?

**Because when the water level rises it could lead to flooding.**

What is a seismometer?

**An instrument that measures the intensity of an earthquake.**

Name at least three supplies that you should include in your Emergency Kit in case of is a disaster?

**Any three of the following: purified water, an electric torch or flashlight, batteries, clothes, imperishable canned, food, a first-aid kit.**

Can you name a place that is dangerous to live because of high vulnerability? Why?

**Any of the following: river banks because of the risk of floods, the slopes of a volcano because of the risk of an eruption, a deforested hill because of the risk of landslides.**

What is the name of a strong wind shaped like a funnel?

**Tornado.**

What is the name of a violent explosion of lava, ash, or toxic gases from inside the Earth?

**A volcanic eruption.**

What can happen if you throw garbage into a river?

**The river might get blocked until the water level gets too high causing a flash flood. The river will also get contaminated and people can get sick if they drink the water.**

What is a hurricane?

**It is a violent storm formed at sea in the tropics.**

When does the hurricane season in the Atlantic begin and end?

**It begins on June 1<sup>st</sup> and ends on November 30<sup>th</sup>.**

Mention at least two safety rules for dealing with a tornado.

Any two of the following:

- **Take shelter in a basement.**
- **Stay away from windows.**
- **Keep some of the windows of the house open on the side that is facing in the opposite direction of the tornado.**
- **When caught in an open field, lie down flat in a trench, creek bed or hole in the ground and stay there until the tornado has passed. Do not stay inside a vehicle.**

What is volcanic ash?

**Pulverized rocks that have been ejected in a cloud of vapor and gases.**

Name at least two causes of forest fires.

**Any two of the following:**

**Lighting, discarded cigarettes that are still burning, slash and burn farming techniques.**

Name at least two causes of erosion.

Any two of the following:

**Deforestation.**

**Using poor farming techniques.**

**Keeping cattle grazing in the same spot for too long.**

**Planting the same crop every year in the same plot.**

What is erosion?

**The wearing away of the soil due to strong rains, winds, and poor land use.**

How do we call it when soil and rocks slide downhill very quickly, because the ground is not firm enough?

**A landslide or mudslide**

Why is it so important to keep mountain areas forested?

**To protect Nature, prevent landslides and erosion, and to protect springs and river sources.**