



# Geography

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2022-23 IAC Geo Bee Runner Up

# What is Geography?

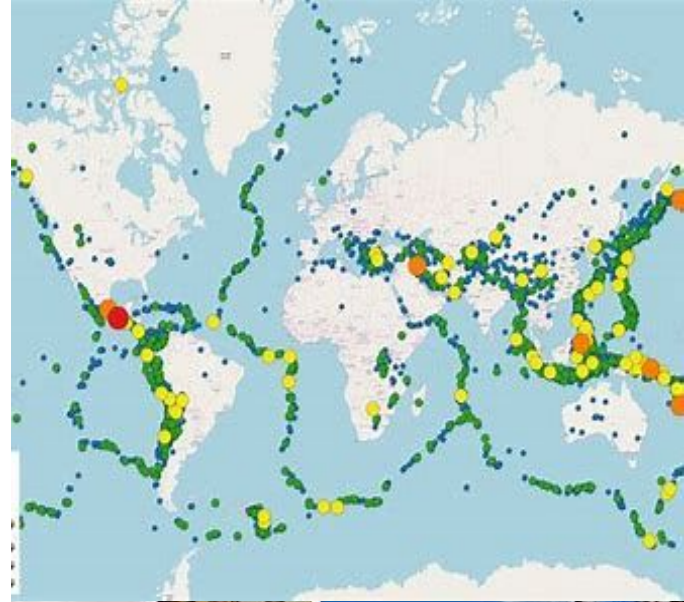
Geography is a field of science devoted to the study of the lands, features, inhabitants, and phenomena of Earth.

# Natural Disasters

1. There are many different natural disasters that happen throughout the world at various times.
2. Earthquakes occur in CA and not in Oklahoma. But tornadoes occur in Oklahoma and not in CA
3. All of them hurt people or damage their lives and can cause catastrophic damage.
4. Some natural disasters are earthquakes, tornados, hurricanes,volcanoes, and tsunamis.

# Earthquakes

1. Earthquakes occur when tectonic plates under ground clash into each other and it shakes the crust(The part of Earth you live on).
2. The center of an earthquakes is called the epicenter and it is the point right on top of the earthquake(on the crust). It is where the most damage occurs.
3. Earthquakes form vibrations from the epicenter which can make buildings fall and break roads. The vibrations can go for Hundreds of miles and are called Seismic Waves.
4. Earthquakes only last for few seconds but can cause huge amounts of damage.
5. They are measured from 1-10 by the Richter scale



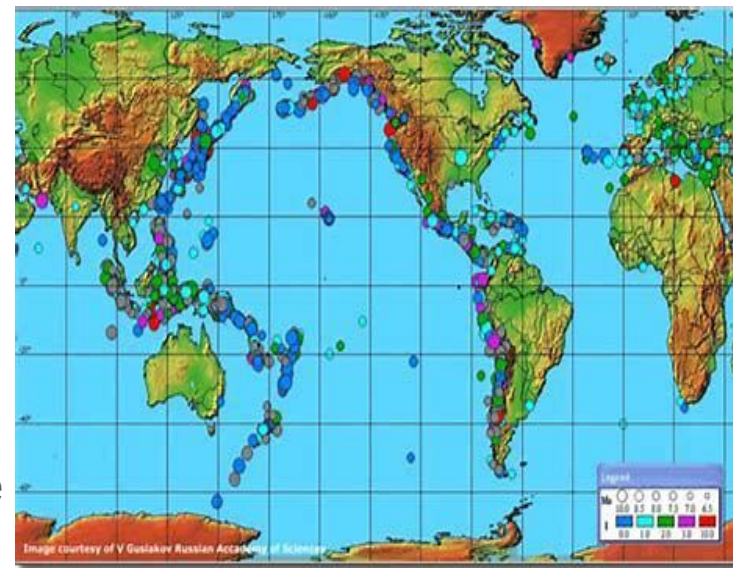
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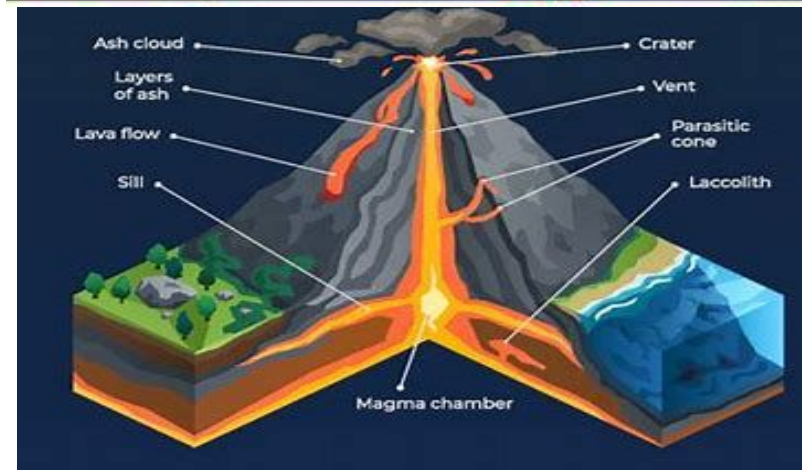
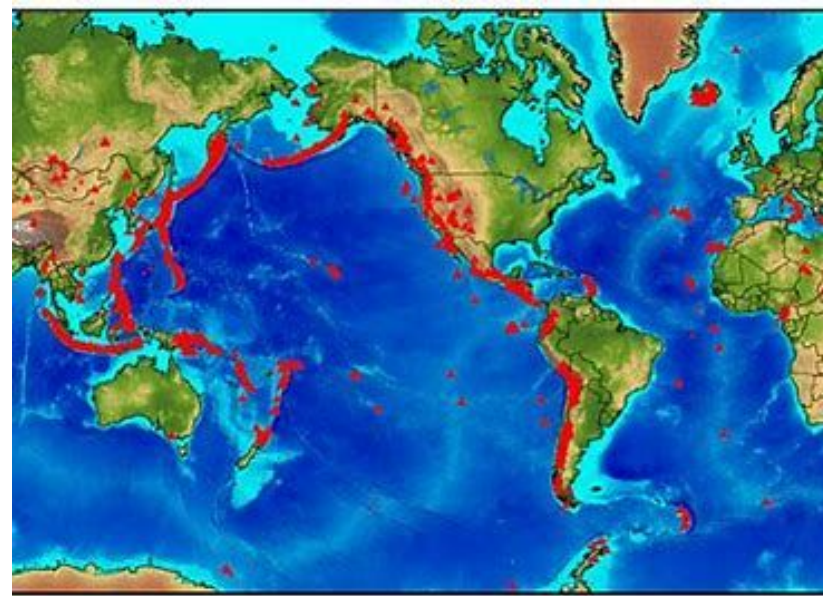
# Tsunamis

1. Tsunamis are large waves that form in the ocean that rock cities and destroy buildings
2. The average height of a tsunami is 10 feet
3. The word comes from Japan meaning big wave
4. The highest tsunami was about 1720 feet and was caused by a 7.8 earthquake of Alaska's Lituya Bay ( more than 325 moms and dads stacked up!)
5. They are usually created by earthquakes or landslides in the water



# Volcanos

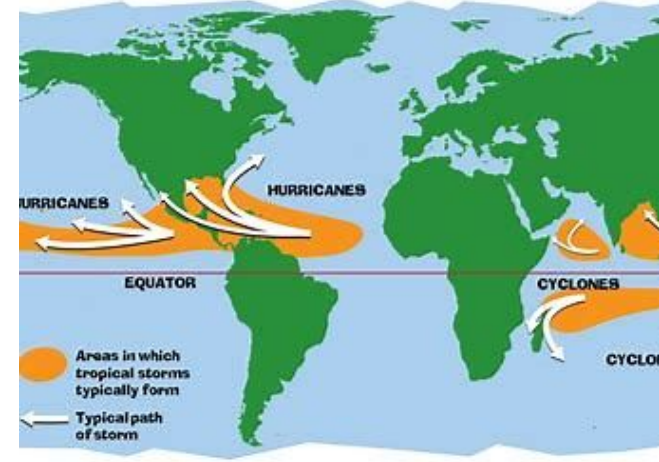
1. Volcanoes are ruptures in the earth's crust that are sometimes all tall as mountains
2. The rim of a volcano is called a crater
3. When lava comes out of a volcano, it's called an eruption
4. Volcanoes can either be dormant, active, or extinct.
5. Active volcanoes are when lava can still flow out of them at any point of time
6. Dormant volcanoes are when volcanoes do not erupt for a long time but still can.
7. Extinct volcanoes can not erupt forever



# Hurricanes

*Fun Fact! Did you know that the eye of a Hurricane is where the Hurricane is the slowest*

1. Hurricanes are wind storms that can reach over 150 MPH.
2. The center of a Hurricane is called its eye.
3. They form at sea and when they reach land, they cause a lot of damage
4. Hurricanes often bring rain and wind when they reach land.
5. Hurricanes are measured on their intensity by the Saffir-Simpson scale which goes from Category 1-5.
6. 5 is the most wind speed and damage and 1 is the least



# Physical Features



# Mountains

1. Mountains are tall structures that are formed naturally by tectonic plates colliding with each other
2. The top of a mountain is called a mountain peak
3. Mountains are generally more than 4000 ft tall and hills are shorter and are less than 4000 ft
4. The highest mountain in the world is Mt. Everest
5. There are mountains ranges which are a group of mountains together

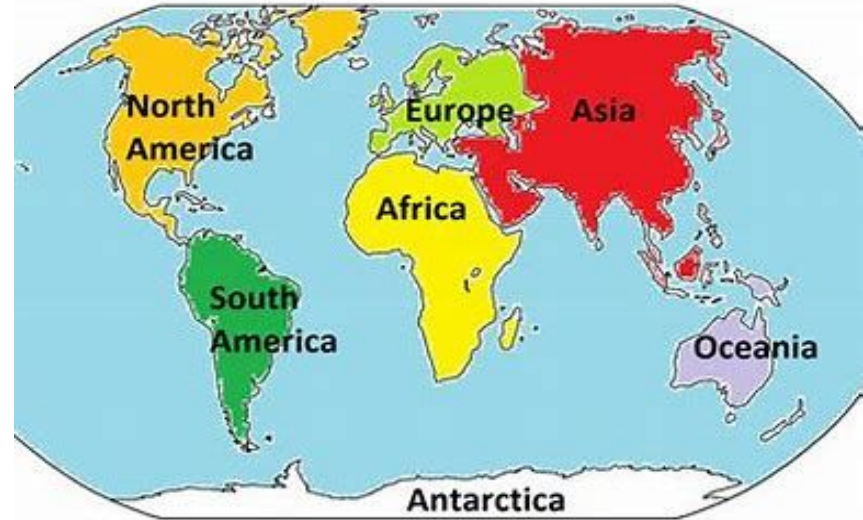


# Continents

Map of Pangea

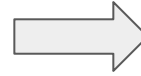


1. Continents are large pieces of land on the earth surface. There are 7 continents.
2. The largest continent is Asia. It is home to 4 billion people
3. The smallest continent is Australia and the entire continent is made up of one country
4. The continents were not always separated, 300 million years ago there was a supercontinent called Pangea
5. Antarctica is the only continent that has not people living on it



# Bodies Of Water

This is an picture  
on a ocean



1. There are different bodies of water. Lakes, Oceans, and rivers
2. Lakes are inland bodies of water that can be salty or freshwater
3. The largest lake in the world is the Caspian sea.
4. Oceans are large salt water bodies of water.
5. Oceans cover 70% of the earth's surface.
6. The largest ocean is the Pacific ocean



THANK  
YOU