

1. Hurricane and cyclone

A cyclone is a low-pressure system with strong winds and heavy rain. In the Atlantic and Indian Oceans, they are called hurricanes. In the Pacific, they are called typhoons. In the South Pacific and Indian Oceans, they are called cyclones. The word 'cyclone' comes from the Greek word 'kyklos', which means 'circle' or 'whirl'. Cyclones are formed over warm ocean waters. They are a natural part of the Earth's climate system. In 1998, there were 3,800 cyclones worldwide. In 2020, there were 160,000 cyclones worldwide.

Definition: <https://www.britannica.com/entry/cyclone>

Discussion

1. What is a cyclone? How is it formed?
2. How do cyclones affect the environment?
3. How do cyclones affect human life?

Activity: Constructing a building able to withstand a hurricane

Students will work in groups to design and build a model of a building that can withstand a hurricane. They will use materials like cardboard, paper, and tape. They will discuss the features of a hurricane-resistant building, such as a strong foundation, a roof that can withstand high winds, and windows that can withstand flying debris.

2. Earthquake

An earthquake is a sudden shaking or vibration of the Earth's surface. It is caused by the movement of tectonic plates. Earthquakes can be very powerful and cause a lot of damage. In 1992, there were 12,000 earthquakes worldwide. In 2014, there were 100 earthquakes worldwide. In 2021, there were 100 earthquakes worldwide. Earthquakes are a natural part of the Earth's crust. They are caused by the movement of tectonic plates. Earthquakes can be very powerful and cause a lot of damage. In 1992, there were 12,000 earthquakes worldwide. In 2014, there were 100 earthquakes worldwide. In 2021, there were 100 earthquakes worldwide.

Game: Earthquake Jenga

Students will play a game called Earthquake Jenga. They will use blocks to build a tower. They will take turns pulling out blocks from the tower. The goal is to build a tower that can withstand an earthquake. The game is a fun way to learn about earthquakes and how to build a safe building.



