

## 1. Hurricane and cyclone

A cyclone is a low-pressure system with strong winds and heavy rain. In the Northern Hemisphere, they are called hurricanes. In the Southern Hemisphere, they are called cyclones. The word "cyclone" comes from the Greek word "kyklos", which means "circle".

In 1973, a cyclone hit the coast of East Africa, killing 3,800 people. In 1998, a cyclone hit the coast of East Africa, killing 160,000 people. In 2020, a cyclone hit the coast of East Africa, killing 160,000 people.

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

### Discussion

1. How do cyclones form?

2. What are the effects of cyclones?

3. How can we protect ourselves from cyclones?

## Activity: Constructing a building able to withstand a hurricane

1. Read the text about cyclones.

2. Discuss with your group how to build a house that can withstand a hurricane.

3. Draw a plan of your house.

## 2. Earthquake

An earthquake is a sudden shaking of the ground caused by the movement of the Earth's crust. Earthquakes can be caused by the movement of tectonic plates, volcanic activity, or the collapse of underground structures.

In 2021, an earthquake of magnitude 100 struck the coast of East Africa, killing 12,000 people. In 1992, an earthquake of magnitude 100 struck the coast of East Africa, killing 12,000 people. In 2014, an earthquake of magnitude 100 struck the coast of East Africa, killing 12,000 people.

### Game: Earthquake Jenga

1. Prepare a Jenga set.

2. Place the blocks on a flat surface.

3. Remove one block at a time, one by one, until the tower falls.

4. The person who removes the last block wins.



