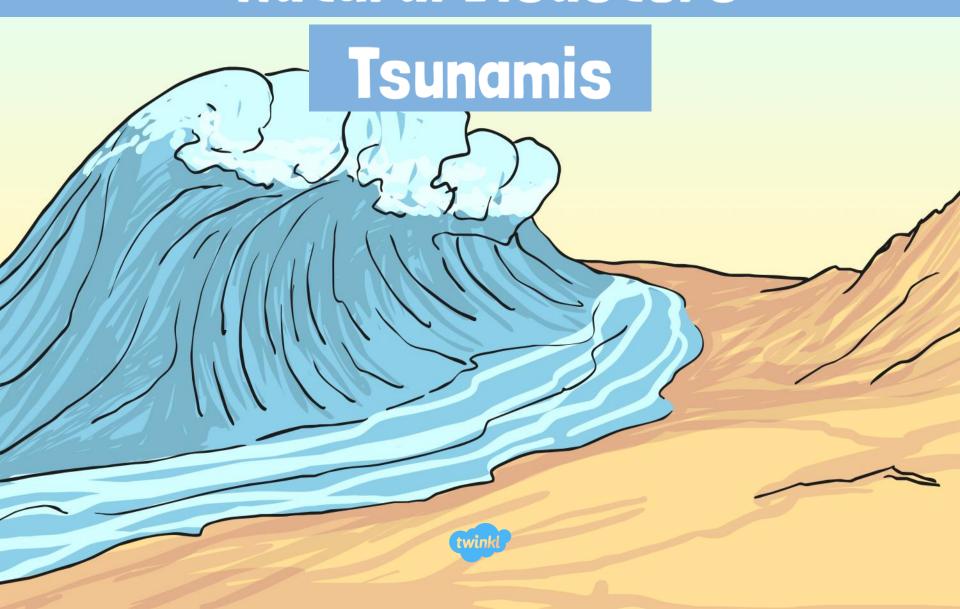
Natural Disasters



What is a Isunami?

What do you think a tsunami is?

Tsunami is a Japanese word.

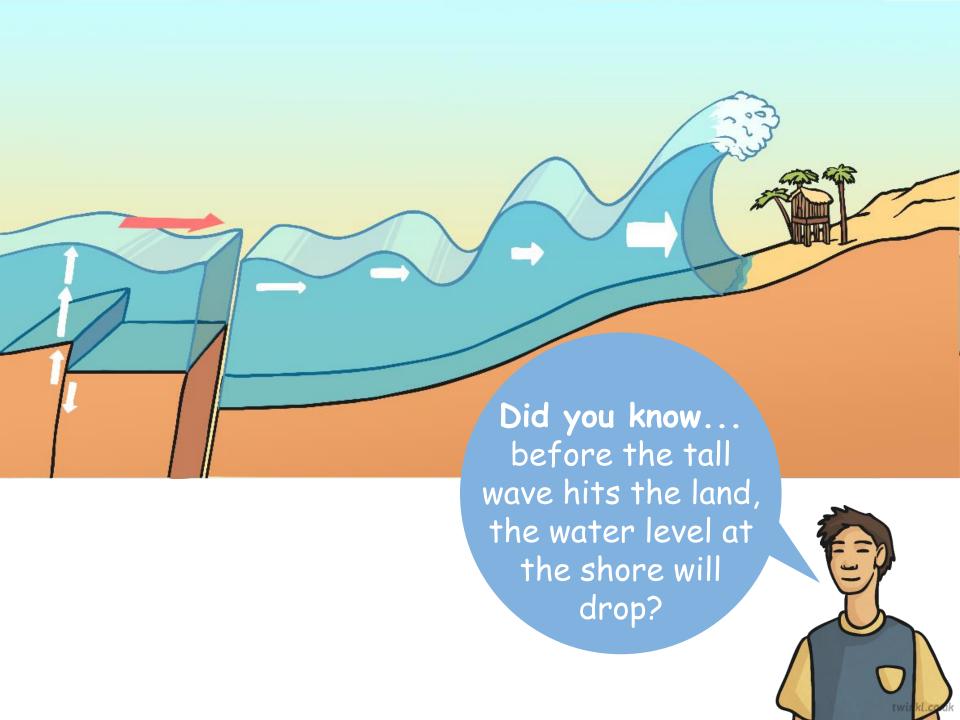
It means 'Harbour Wave'.

A tsunami is a giant wave.

Was your idea close to the real meaning?

What causes a Isunami?

- A tsunami is a giant wave caused by a huge earthquake under the ocean.
- The earthquake causes a large amount of water to be displaced very quickly.
- A series of waves travels through the deep water.
- As the waves travel through shallower water near the land, they get bigger.



What Causes a Tsunami?



To watch the video – copy the link into your browser

https://www.youtube.com/watch?v =Wx9vPv-T51I





TSUNAMI HAZARD ZONE



IN CASE OF EARTHQUAKE GO TO HIGH GROUND OR INLAND

Tsunami Safety Rules

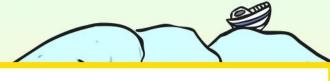


Approaching tsunamis are sometimes predicted by a sudden rise or fall of coastal waters and are usually accompanied by a loud roar that sounds like a train or aircraft. If you notice these, move inland to high ground straight away.

Stay out of danger until an "ALL CLEAR" is issued by the emergency services.

Tsunami Safety Rules



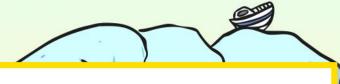


Homes and other buildings located in low lying coastal areas are not safe. Do NOT stay in such buildings if there is a tsunami warning.

The upper floors of high, multi-story, reinforced concrete hotels can provide safety if there is no time to quickly move inland or to higher ground.

Tsunami Safety Rules





Never go down to the beach to watch for a tsunami! A small tsunami at one beach can be a giant a few miles away.

Stay tuned to your local radio or television stations during a tsunami emergency.

Tsunamis Around the World

Japan - 2011

At 2:46pm, an 8.9 magnitude earthquake struck the north east coast of Japan. The quake triggered a huge tsunami which swept inland. In places, the tsunami waves reached as far as 10k inland and entire towns virtually disappeared. Japan has the longest recorded history of tsunamis.

Sumatra, Indonesia - 2004

This Indian Ocean earthquake and tsunami was the most devastating of its kind in modern times, killing 230,000 people in 14 countries, and bringing waves of up to 30m high. It was the third largest earthquake ever recorded, had the longest duration ever observed (8.3 - 10 minutes), and caused the entire planet to vibrate.

Tsunamis Around the World

Lisbon - 1755

The earthquake and tsunami almost totally destroyed Lisbon and had a death toll in Lisbon alone of between 10,000 and 100,000 people, making it one of the deadliest disasters in history.

Italy - 1908

The Messina earthquake and tsunami took about 123,000 lives in Sicily and Calabria, southern Italy. The major cities of Messina and Reggio Calabria were almost completely destroyed.



The Calabrian earthquakes were a sequence of five strong earthquakes that hit the region of Calabria, the first two of which produced tsunamis. The death toll lies in the range of 32,000 to 50,000 people.

