

Wow!

What causes Tsunamis to form?

In Fishermen Class as part of our extreme earth topic we learnt about the causes of Tsunami's. Tsunamis are large waves (displacement of water) caused by a release of energy.

Causes:

Earthquake in the ocean
Volcanic eruption under the sea
Landslide under the sea
Meteor landing in the sea

Impact:

Buildings destroyed and objects swept out to sea.

How to keep safe:

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.

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.

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

We recreated the waves (expenditure of energy) and imagined that an earthquake had occurred under the ocean. We observed the waves growing and the destruction caused to our building the beach and the land.

