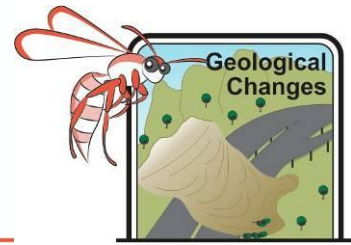


Tsunami – Teacher Demonstration



Your teacher will demonstrate the effect of seafloor movement and shallowing on the creation of tsunami waves

Results

Part A

What did the movable plastic section represent? _____

What happened when the extended plastic was released? _____



Part B

What happened to the tsunami wave when it approached the beach? _____

What happened to the sand on the beach? _____

What happened to the plants and animals? _____

How was the landscape changed? _____

RESEARCH - Using the library or Internet.

What is a **TSUNAMI**? _____

What are the four main causes of tsunamis?

1. _____

2. _____

3. _____

4. _____

What effect will a tsunami have on low lying coastal land and the plants and animals that live there?

What effect will the tsunami have on forests and farmland? _____

EXTRAS FOR EXPERTS

You are a passenger on a boat sailing between Australia and Indonesia. You hear that there has been an earthquake and there might be a tsunami passing your boat in three minutes. Your surfboard is on deck. You decide to "ride the wave". What will happen? _____

