

Instructor's Notes

Earthquake and Tsunami

Tsunami Evacuation

Tsunami Evacuation: A tsunami evacuation involves moving yourself from a tsunami hazard zone at a lower elevation (colored yellow on the hazard maps) to a safe zone at a higher elevation (colored green on the hazard maps). Your natural warning is the earthquake shaking. Do not wait for an official notification. You should immediately walk to higher ground or inland, and avoid coastal areas until officials permit you to return. For more information on tsunami warnings and evacuations, read pages 14 and 15 of the provided *Living on Shaky Ground* magazine.

Lesson Plan:

Introduction:

- The instructor will introduce the students to the Tsunami Evacuation Area map on page 15 of the *Living on Shaky Ground* magazines. The instructor will highlight the importance of being mindful while on the coast. The instructor will point out the various tsunami hazard zone signs and the difference between the yellow and green zones and what that means for coastal evacuation.
- The instructor will demonstrate how to drop, cover, and hold on, while referencing the provided graphic. While inside, this can appear as dropping under a nearby table, covering your neck with one hand, and holding on to the table with your other hand. While outside, you can drop, cover, and protect your neck while sitting on the ground away from trees, powerlines, signs, buildings, or other various structures that could harm you.

Activity:

- The instructor will divide the instructional space into tsunami hazard and safe zones, with printed out “Entering Tsunami Hazard Zone”, “Tsunami Hazard Zone”, and “Leaving Tsunami Hazard Zone” signs in the corresponding areas.
- In the hazard zone, the instructor will have the students pretend to be outside on the coast. The instructor will simulate that the ground is shaking, “An earthquake! What do we do?”. The instructor and students will go through the steps of dropping to a sitting position on the ground and covering their necks. “Yes! We drop, cover, and hold on.”
- Once completed, the instructor should prompt the students to safely evacuate the hazard zone by walking to the designated safe zone. During this time, the instructor can remind the students to look for the entering and leaving tsunami hazard zone signs.
- This can be repeated multiple times with the students acting through the steps independently. A bell, chime, or the provided earthquake sound can be used to signal that an earthquake is happening.
- The class will come together to answer any questions and reinforce key points.



QR code for the
earthquake sound



ENTERING



TSUNAMI

HAZARD

ZONE

LEAVING



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HAZARD

ZONE

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IN CASE OF EARTHQUAKE, GO
TO HIGH GROUND OR INLAND



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**HAZARD
ZONE**