

ACTIVITY: ShakeOut Classroom Activities

Grade Level: K-2

Purpose: California schools practice Drop, Cover, and Hold On drills during the Great ShakeOut. This activity is meant to enhance the ShakeOut Drill with additional classroom projects to promote preparedness in young children.

Time: 30 minutes to three 50-minute class sessions

Educational Standards:

ESS3.B, ESS1.C, ESS1-1, ESS2-1, ESS3-1, 3-PS2-1, R1.2-1,

See Additional Resources for Teachers – California Educational Standards for Kamome – under the Resource Menu for standard definitions.

Materials:

Computer with display screen

Classroom copy of the Kamome Book

Map or diagram of school evacuation plan (should be posted in classroom)

Procedure:

1. Prior to an earthquake drill, read pages 1- 10 in The Extraordinary Voyage of Kamome to the class. Suggestion, read on the Monday of drill week.
2. Practice your earthquake drill ahead of time. Talk to the class about the safest thing to do during an earthquake when they are in the classroom is to Drop, Cover and Hold On:
 - DROP down to the floor next to students' desks or classroom table
 - COVER one's head and back of the neck with your arm
 - HOLD On – scoot under a desk or table and hold on to the leg



Caution – no one should get injured doing the drill. Some children may be overly enthusiastic about throwing themselves under their desks. There is no rush, they don't need to race one another to get down. Have the class get into the habit of counting during the drill.

Teacher preparation: Go to: <https://www.shakeout.org/dropcoverholdon/> for specific steps. This link includes a Resources Section with guidelines for people with disabilities as well as guidelines for an earthquake event when you cannot get under a table.

Review these audio and visual broadcasts on your own, and only tell students what they might observe during an earthquake. This media is not meant for K-2 learners to watch or listen to:

<https://www.shakeout.org/california/resources/index.html#multimedia>

<https://www.shakeout.org/california/drill/broadcast/index.html>

https://www.seismosoc.org/inside/earthquake_sounds/

3. Hold your drill. The ShakeOut Drill is always on the third Thursday in October. In 2019 it is on October 17th, in 2020, on October 16th, and in 2021 on October 21st. The date is a clue to the test time. In 2019 (10/17) it is at 10:17 am, in 2020 (10/16) at 10:16 am and in 2021, at 10:21. Some schools may set off their public announcement system to start the ShakeOut Drill. Others may use a school buzzer or bell, but many schools may leave it up to teachers as to when the drill starts. You can use an alarm on your phone or other method to mark the beginning of the drill. In Humboldt County, tune to KHSU on FM 90.5 on day/time of the Shakeout Drill. Anyone can stream the drill broadcast by tuning in to khsu.org a few minutes before the scheduled drill time.

4. If your school is in a tsunami hazard zone, consider adding an evacuation drill to the end of your Drop, Cover, Hold On ShakeOut Drill. Count out

5. After your earthquake drill: complete the group activity, Human Waves Demonstrate How Seismic Waves Travel activity [5-10 min], for lesson for students to understand how seismic waves move and travel.

Play IRIS video “Modeling Seismic Waves;

https://www.iris.edu/hq/inclass/video/human_wave_modeling_seismic_waves_in_the_classroom
(stop video at 1 min, 25 sec)

6. Complete reading the book, The Extraordinary voyage of Kamome, with the class. Discuss with students the story of Kamome, the symbolism of hope and resilience presented, and following the practice drills, the awareness they may now have of preparing for the event of an earthquake and tsunami.

7. Go to: <https://rocketrules.org/rockets-safety-books/> to download Rocket’s (the dog) Safety book to read about earthquake safety as well as to download a safety book to color.

Extension Activities:

1. Look at the Activity menu for Grades K -2 and consider adding content from My Kamome Coloring Book, ABCs with Kamome or another Kamome Activity.

2.The Federal Emergency Management Agency (FEMA) has resources for lower elementary:

- [FEMA 527 – Earthquake Safety Activities for Children and Teachers](#)
- [FEMA P-1000, Safer, Stronger, Smarter: A Guide to Improving School Natural Hazard Safety](#)

The Kamome Curriculum Project was developed by the Humboldt Earthquake Education Center at Humboldt State University with the support of the California Seismic Safety Commission. Additional support provided by the California Office of Emergency Services.

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