

Don't Be Scared-Be Prepared

Overview - Chapter 3

Living with a **VOLCANO** in Your Backyard
MOUNT RAINIER



The objective of chapter 3 is to provide studentw with a realistic knowledge of potential hazards to their community, and to encourage them to take part in mitigation efforts. Most students have a natural enthusiasm for volcanoes. Encourage this interest and promote an understanding that living near a volcano is an uncommon opportunity, and indeed, can be a benefit to their community. Urge students to view volcanoes as sources for recreation, inspiration, and for learning. Inspire them to visit local volcanoes.

Activities in Chapter Three promote exploration of and appreciation for volcanoes. They encourage personal and community preparedness. The chapter begins with **Play-Dough Topo, Topographic Maps of Mount Rainier**, and **Planning Your Trip to Mount Rainier**, where students construct and read topographic maps and plan a real or virtual trip to Mount Rainier National Park. **The Next Eruption of Mount Rainier** addresses the onset of volcanic unrest and how communities can be affected by

increased volcanic activity. Students will learn to read hazards maps, investigate the hazards in their community, and examine preparations already underway. They are challenged to become part of preparedness efforts in their community.

The **Reducing Volcanic Risk video** and activity illustrate how some communities around the world prepare for volcanic unrest. It elaborates on the three steps for preparedness: identification of hazard areas; observations of the volcano; and assembly and testing of emergency plans. **Perilous Beauty video** addresses the volcanic hazards of Mount Rainier. Students role-play the parts of people interested in the outcome of volcano hazards planning in **A Volcano Tussle**.

The chapter ends with two activities that invite discussion about living with volcanos. **Don't Be Scared-Be Prepared** teaches simple steps for preparedness at school and home. For example, with a single homework assignment, students will develop a Family Emergency Preparedness Plan. According to emergency managers, is one of the single most important steps a family can make together toward preparedness.

Choose one or more options from **Living Well with a Volcano in Your Backyard: Be Prepared, Then Enjoy It!** As post-assessment tools, encourage students to draw a picture or write a story about a visit to a Cascade Volcano. Have them write a story about a future eruption of Mount Rainier, then compare it with the story they wrote as a pre-assessment tool in the Chapter One activity **Eruption!**

Don't Be Scared-Be Prepared



Chapter 3

Don't Be Scared-Be Prepared

Overview - Chapter 3 continued...



Our occasional experiences with volcanic eruptions, whether directly or through news and movies, can both fascinate and scare us. As your class progresses through these activities, be watchful of your students' reactions. When discussing the potential for volcanic activity, don't exaggerate the hazards, but don't minimize them either. Remind students that volcanic activity can range from very small, barely noticeable phenomena that occur relatively frequently, to the larger scale, more devastating events that we are more likely to hear about in the news. While we can't prevent volcanic eruptions, we can prepare to live with them. The knowledge of volcanoes that you promote will not only help students academically, but it will also help them learn ways they can contribute to creating more disaster-resistant communities.

In summary, here are some steps that you and your students can take to mitigate risks from volcanic hazards:

Learn: Learn whether you live, work, or go to school in a volcano hazard zone.

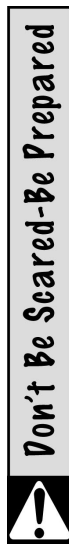
Inquire: Ask public officials how they advise you to respond if there is a volcanic event.

Plan: Plan for how you and your family can be prepared for any natural hazard event.

Participate: Participate in helping your community be prepared!

Make your message clear:

When people become knowledgeable about volcanoes, they can prepare for hazards, and then live with greater safety and comfort in their communities.



Chapter 3