



Mount Saint Helens

Mount Saint Helens is the only active volcano in the continental United States. This striking landmark of the Pacific Northwest was changed forever in 1980 when the mountain exploded violently. Learn more about this interesting geological feature by completing this badge.

To earn this Badge, complete at least SIX of the following activities:

1. Draw a timeline to show how Mt. St. Helens “awakened” in 1980. Use diagrams, drawings, articles and photos to illustrate your timeline.
2. What is the relationship between earthquakes, tsunamis and volcanoes? Create a display that will demonstrate the relationship between volcanoes and earthquake activity around the “Ring of Fire.” Be sure to include information about tectonic plates, rift zones, subduction zones and faults.
3. Make a collection of different types of rocks formed by volcanic activity. Label your samples and briefly explain how they were formed.
4. Create a booklet to explain Mt. St. Helens to younger Girl Scouts. Be sure to include how the mountain got its Native American and English names, how often it has erupted, and how a volcano works. Make sure to use diagrams, photos, and drawings to illustrate your booklet.
5. Make an earthquake kit for your home. Be sure to include items that would be needed in case a major earthquake struck your community. Information on earthquake kits is available through the American Red Cross.
6. Create a picture collage of volcanoes using magazines, Internet sources, or newspapers.
7. Take a field trip to at least one of the following sites that you have not visited before:
 - Ape Caves, WA
 - Mt. St. Helens Interpretive Center, WA
 - Coldwater Ridge Interpretive Center, WA
 - Johnston Ridge Interpretive Center, WA
 - Weyerhaeuser Forestry Learning Center, WA
 - Crater Lake and Wizard Island, OR
 - Sediment Retention Dam on the North Fork Toutle River, WA
 - Lava Lands Visitor Center, OR
 - Or another lava field in the Northwest
8. After your trip, discuss with your Girl Scout troop what was your favorite part of the trip, two facts that you didn’t know before you went and anything else that you would like to share.
9. Invite an expert on volcanoes or earthquakes to speak to your Girl Scout troop. Ask the speaker

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to talk about our local geology and how our community is preparing for the next eruption or earthquake.

10. Learn about the emergency broadcast system in your city or town. Then create a mock broadcast about an eruption or earthquake in the Pacific Northwest. Include information about what happened, and how people need to handle the situation to make sure they are safe.
11. Interview a family member or friend that has been through a natural disaster such as an earthquake, eruption, tornado etc. Try to video or audiotape a copy of this interview to share with others.
12. Make up a song for younger girls outlining the safety tips about what to do during a natural emergency such as an earthquake.
13. Write a story about a girl who found herself caught in an earthquake. Focus on character and plot and illustrate your story. Read this story to a group of younger girls.