

# **Nampa Earthquake Emergency Action Plan**

**Goal:** As a team of scientists, you have been hired to help create an earthquake safety plan for the Nampa area. You have researched how earthquakes form, what effects they have, how citizens should safely react, and how to prepare our infrastructure (buildings, bridges, roads, ext). Your goal now is to create an emergency action plan that provides the public with an informative and easy to understand guide concerning earthquakes in Nampa.

**Your EAP should include the following information:**

1. **Cover Page:** The cover page should grab the attention of the intended audience either with large letters or colorful pictures with an earthquake theme, and should include the title of this assignment. Include the full names of all team members, class period, 8-1 Earth Science.
2. **Purpose:** Your purpose for creating this E.A.P. should be clearly stated. Example: Purpose: The purpose of this document is to provide public awareness for volcano-related hazards, and to provide a step-by-step guide for surviving a volcanic eruption.
3. **How do Earthquakes Start?** Many people do not know what causes earthquakes. Write a brief summary (one paragraph) about how earthquakes form due to stress and faults.
4. **Could this happen in Nampa?** Use what we learned from the geological cross-section of Nampa to inform the public of possible earthquakes in the future. (Hint: The answer to this question is YES, but what evidence is there to support this?)
5. **What effects could an EQ have in Nampa?** What might be damaged if an earthquake hit our area? Provide at least 5 types of structures that might be damaged.
6. **What should people do during an earthquake?** Explain either in a numbered sequence or a paragraph what a person should do if an earthquake started to shake the ground beneath their feet.
7. **How should we prepare for future earthquakes?** Explain the importance of building earthquake-safe buildings, knowing what to do in case of an earthquake, and the importance of understanding how earthquakes work.

You will work in groups of three, but each member must create their own EAP brochure. This assignment is worth 25 summative points, which means it's a "big grade", like a quiz. Due Friday, Feb 27 for full credit. Can be turned in by Thurs, Mar 5 for maximum grade of a "C".

**Due Date:** \_\_\_\_\_

**Partners:** 1) \_\_\_\_\_  
(full names) 2) \_\_\_\_\_  
3) \_\_\_\_\_  
4) \_\_\_\_\_