

The Really Big One Article Questions

Answer the following questions in complete sentences.

- 1) Look up several image of the 2011 earthquake that struck Tohoku, Japan. Analyze 3-4 images and describe your thoughts and feelings that arise while looking at the pictures.
- 2) What is the Cascadia subduction zone? Why is it significant for us to know about the zone? Did you already know about the zone or did you learn about it from this article?
- 3) Simulate the earthquake with your hands as the author explains on page 2. Record your reaction (was it easy to replicate, hard to visualize... etc.)
- 4) What is the Juan de Fuca plate currently doing? Do you feel like more people in Washington State should have more education about the Juan de Fuca plate?
- 5) How large of an earthquake is predicted to occur in the Northwest? What are the odds that the earthquake will happen within the next fifty years?
- 6) What is FEMA predicting the result will be for the Northwest? What effects are predicted to occur as a result? How do you feel about this?
- 7) What is the Ring of Fire (not the Johnny Cash song or movie)?
- 8) How did scientists reconstruct the Cascadia earthquake of 1700? What evidence do they have?
- 9) How far are we into the 243-year cycle of earthquakes in Cascadia?
- 10) How has the Northwest prepared itself for a possible mega-quake? Have you ever thought about preparations? Does the article motivate you to prepare, more, less, or the same? Why?
- 11) How long does OSSPAC estimate it will take the I-5 corridor to restore basic living conditions?
- 12) What is your reaction to this article? What should, if anything be done? Explain in 4-5 sentences.