

Pre-Post Survey, Living on the Edge Integrate Module**Short Answer:**

- 1. List three types of geologic data that are used to monitor volcanoes.**

Data type 1: _____
 Data type 2: _____
 Data type 3: _____

- 2. For each of the three types of data you list above, describe the pattern(s) that would indicate an eruption was about to occur.**

Pattern for data type 1: _____

 Pattern for data type 2: _____

 Pattern for data type 3: _____

- 3. List three characteristics of a school building and/or site of a school building that would increase or decrease that building's vulnerability during an earthquake.**

Characteristic 1: _____
 Characteristic 2: _____
 Characteristic 3: _____

- 4. For each characteristic you list, explain how that characteristic would affect the building's vulnerability to an earthquake.**

Characteristic 1: _____

 Characteristic 2: _____

 Characteristic 3: _____

Multiple Choice:

- 5. Which of the following hazards are of major concern to human populations along a *transform* plate boundary. Select all that apply.**

a. earthquakes	b. tsunami	c. storm surge
d. lava flows	e. pyroclastic flows	f. tornadoes
g. lahars		

- 6. Which of the following hazards are of major concern to human populations along a *divergent* plate boundary. Select all that apply.**

a. earthquakes	b. tsunami	c. storm surge
d. lava flows	e. pyroclastic flows	f. tornadoes
g. lahars		

- 7. Which of the following hazards are of major concern to human populations along a *convergent* plate boundary. Select all that apply.**

a. earthquakes	b. tsunami	c. storm surge
d. lava flows	e. pyroclastic flows	f. tornadoes
g. lahars		

8. Please rate the following statements and briefly explain your responses:

1 = Strongly disagree 2 = Disagree 3 = Neither agree or disagree 4 = Agree 5 = Strongly agree

	1	2	3	4	5	Explain:
Monitoring geological activity is likely to be valuable to me personally.						
Monitoring geological activity is likely to be valuable to society.						
I am confident in identifying factors that determine earthquake <i>hazard</i> .						
I am confident in identifying factors that determine earthquake <i>risk</i> .						
I am confident in identifying factors that determine volcanic <i>hazard</i> .						
I am confident in identifying factors that determine volcanic <i>risk</i> .						

Demographic Questions:

9. Are you currently living, or have you ever lived in an area that you know to be susceptible to the following (circle all that apply):

- a. earthquakes b. volcanoes

10. Have you ever personally experienced an earthquake or volcanic eruption?

11. What is your major?