

PATTERNS OF SEISMIC ACTIVITY

<p>STEP #1 Plot the locations of twelve earthquakes using the coordinates provided on the right. Make a red "x" to mark the location of each earthquake. Be as accurate and precise as possible. Check the boxes as you go to avoid missing any. You should have twelve red x's on your map when your are done with step #1.</p>	EARTHQUAKES	<p>STEP #2 Plot the locations of six active volcanoes using the coordinates provided on the right. Make a orange triangle to mark the location of each volcano. Label each triangle with the name of volcano. Be as accurate and precise as possible. Check the boxes as you go to avoid missing any. You should have six labeled yellow triangles on your map when your are done with step #2.</p>	VOLCANOES
	<input type="checkbox"/> 50°S, 80°W		<p>Mt. St. Helen's <input type="checkbox"/> 46°N, 122°W</p>
	<input type="checkbox"/> 55°N, 160°W		<p>Kilaueu <input type="checkbox"/> 22°N, 160°W</p>
	<input type="checkbox"/> 20°N, 50°W		<p>Mt. Etna <input type="checkbox"/> 31°N, 130°E</p>
	<input type="checkbox"/> 20°N, 160°W		<p>Sakurajima <input type="checkbox"/> 46°N, 122°W</p>
	<input type="checkbox"/> 30°N, 80°E		<p>Lascar <input type="checkbox"/> 23°S, 67°W</p>
	<input type="checkbox"/> 10°N, 130°E		
	<input type="checkbox"/> 35°N, 120°W		
	<input type="checkbox"/> 35°S, 20°W		
	<input type="checkbox"/> 0°, 85W		
	<input type="checkbox"/> 30°N, 140°E		
	<input type="checkbox"/> 50°N, 125°E		
<input type="checkbox"/> 50°S, 160°E			

<p>STEP #3 Use the provided atlases to plot the locations of the eight mountain ranges listed on the right (note the page numbers are listed). Mark the location of each range by shading in a blue area on your map, labeled with the name of the mountain range. Be as accurate as you can.</p>	MOUNTAINS	<p>STEP #4 Use page 5 of your ESRT to plot the locations of the items listed on the right. Use green lines to represent trenches. Use purple lines to represent Ridges. Use pink stars to represent hot spots. Be as precise as possible</p>	OTHER
	<input type="checkbox"/> Himalayas (pages 24)		<input type="checkbox"/> Mariana Trench
	<input type="checkbox"/> Andes (page 17)		<input type="checkbox"/> Peru-Chile Trench
	<input type="checkbox"/> Maoke Mountains (page 25)		<input type="checkbox"/> Aleutian Trench
	<input type="checkbox"/> Sierra Madre Occidental (page 15)		<input type="checkbox"/> Mid-Atlantic Ridge
	<input type="checkbox"/> Alaska Range (page 15)		<input type="checkbox"/> SE Indian Ridge
	<input type="checkbox"/> Zagros Mountains (page 24)		<input type="checkbox"/> Mid-Indian Ridge
	<input type="checkbox"/> Central Range (page 24)		<input type="checkbox"/> East Pacific Ridge
<input type="checkbox"/> Caucasus Mountains (page 21)	<input type="checkbox"/> Yellowstone Hot Spot		
	<input type="checkbox"/> Tasman Hot Spot		
	<input type="checkbox"/> Bouvet Hot Spot		
	<input type="checkbox"/> Galapagos Hot Spot		
	<input type="checkbox"/> Iceland Hot Spot		

Name _____

Date _____

World Continents

