



Atlas Inquiry #1

Earthquake Hazards

California experiences earthquakes that cause the ground to shake, move, and crack (also known as faulting). The process of plate tectonics is causing large pieces of the Earth's crust, called plates, to move around. The plates move at different speeds and in different directions. Sometimes plates collide into each other, and other times one grinds past another. The San Andreas Fault that runs through California is the boundary between the Pacific Plate and the North American Plates! This means it is important to understand and plan for the risks created by earthquakes.

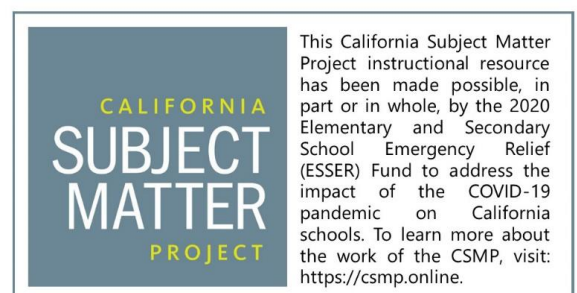
We are going to use the maps in the atlas to gather information and respond to this question:

- **Do earthquakes happen in areas where a lot of people live or are earthquakes most likely to happen in places where very few people live?**

Use the graphic organizer provided to record information you gather from the maps.



Get access to the atlas and related materials at www.calgeography.org



Atlas Inquiry Note-taking Guide

Inquiry Question: Do earthquakes happen in areas where a lot of people live or are earthquakes most likely to happen in places where very few people live?

Supporting questions:

Page #	What types of information or evidence do you find on this map?	What kinds of connections or relationships do you see between the information on these pages?	How would you answer the inquiry question, or what else would you want to know to answer the inquiry question?
9	<i>Hint: Think about the difference between large magnitude earthquakes and significant events.</i>		
42	<i>Hint: Population is unevenly distributed throughout the state.</i>		
44	<i>Hint: Compare to page 9.</i>		
	<i>Hint: Choose another page that provides additional information about where earthquake damage could impact people.</i>		