

Earthquake Worksheet

The San Andreas Fault	http://pubs.usgs.gov/gip/earthq3/	Look for answers to the following questions.
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What is a tectonic plate?

Name the two plates that meet in California.

What is a “system” of faults, as used in the phrase “San Andreas system?”

How would you describe the type of movement that is expected in the future on the faults of the San Andreas system?

Use the terms “bend,” “break,” and “snap” in a sentence related to earthquakes.

Why do earthquakes cause damage?

What is a “building code” and why might it be important?

TheTech Museum	http://www.thetech.org/exhibits/online/quakes/intro/	Look for answers to the following questions.
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How do scientists monitor the shaking caused by an earthquake?

What does WWSSN stand for?

Name three types of motion that can occur along plate boundaries.

Draw a sketch that shows a map of a fence across the San Andreas fault.

- In the first sketch assume a straight fence has been build right after a large earthquake.
- In the second sketch, show how the fence has been bent after many years of plate motion but no earthquake on the fault.
- In the third sketch, show how the fence would look after a big earthquake occurs.

What are earthquake waves?