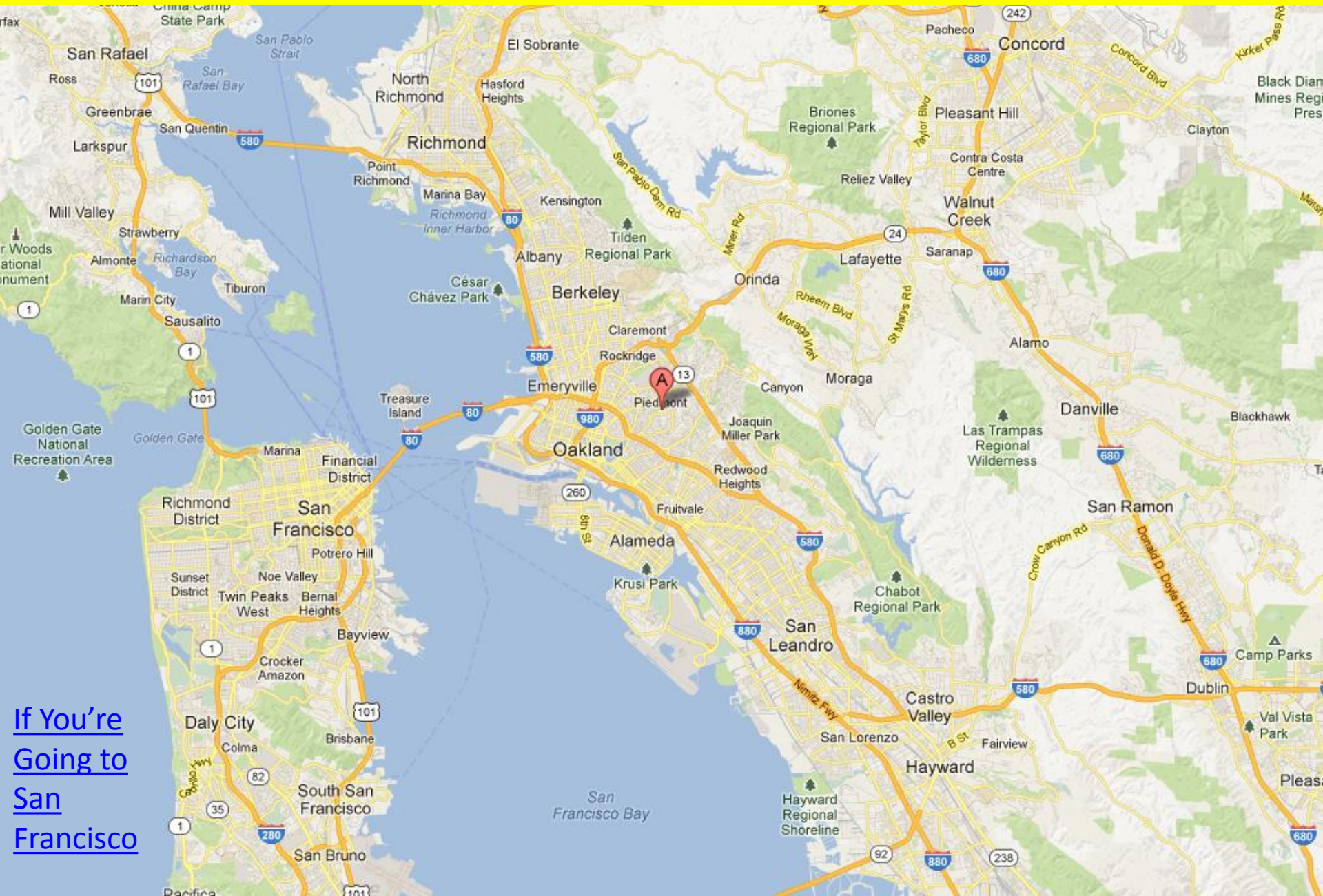


You're moving to San Francisco!!!



[If You're Going to San Francisco](#)

This is your new neighbourhood!



This is your new house!

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This is your new **backyard!**



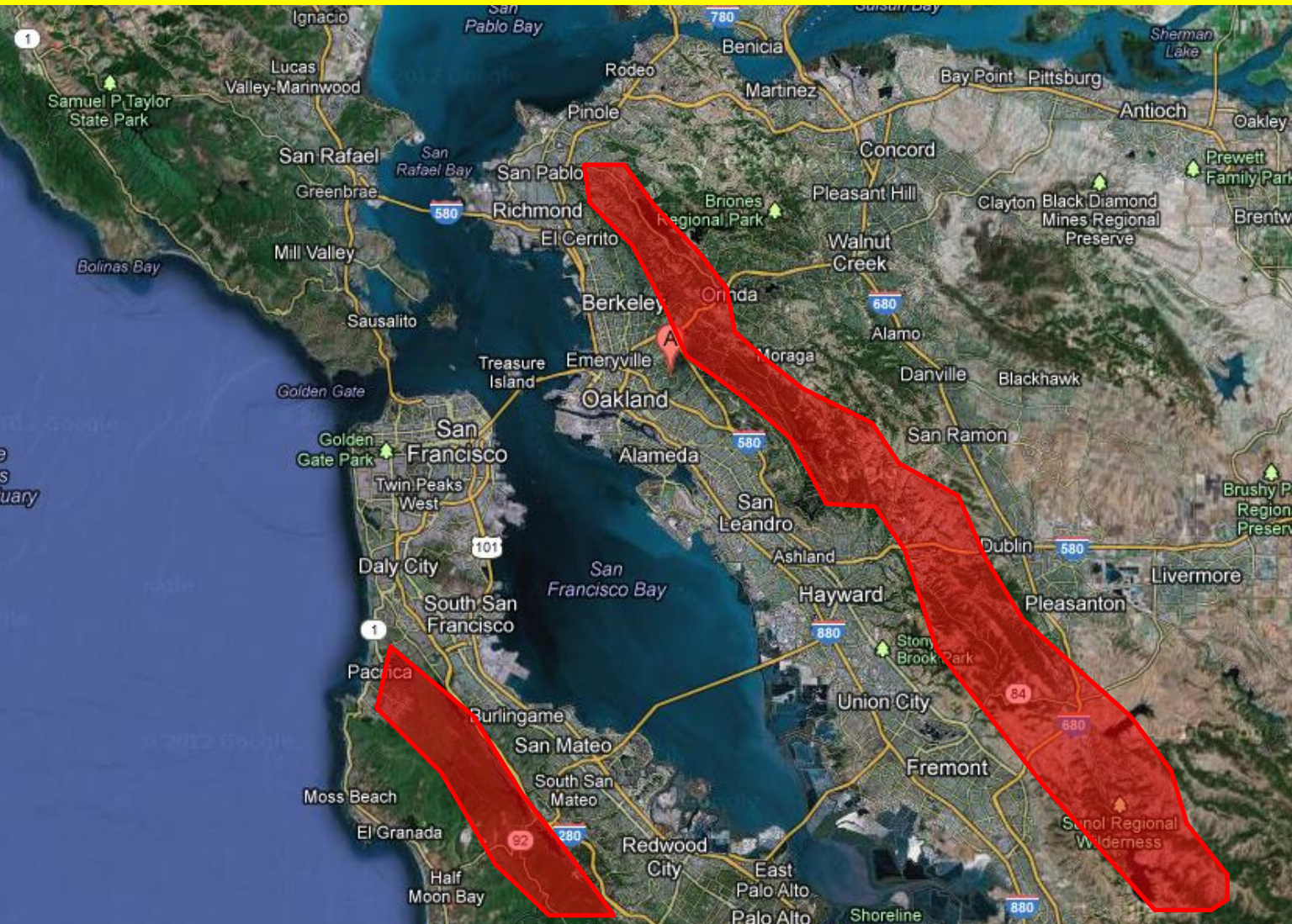
This will be your **room!**



And just 10 minutes walk from your house,
...your new school!



There's just **ONE** little problem...



Why don't these areas have any housing developments on them?

What do you notice about the pattern of development around San Francisco?

There's just **ONE** little problem...



Land lying over fault lines have restricted development, but roads and other transport routes cross over them.

What do you notice about the pattern of development around San Francisco?

There's just ONE little problem...

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EARTH-QUAKE MARKS LEAST GAY DAY IN SAN FRANCISCO HISTORY

**'QUEEN CITY ON
THE PACIFIC' LIES
IN RUINS.**

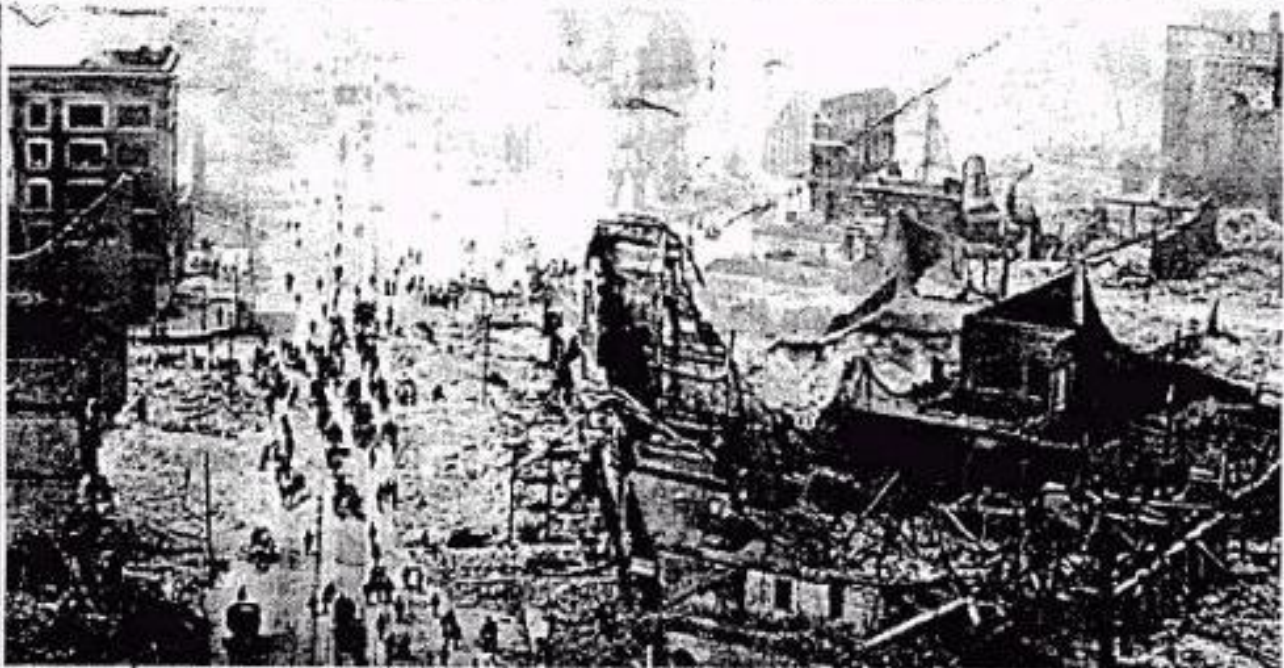
**Garment District
Still Flaming.**

San Francisco, California, April 18.—Gaiety was not to be had on the streets of the city this morning, as it lies in ruins from what fair citizens in the city are calling the most outlandish earth-quake in known history.

"This is not a gay day for San Francisco," the honorable Mayor Eugene Schmitz said.

At precisely 5:12 a. m., local time, the quake shook the city to its conservative core, rendering it no more than rubble, ash, and faggots.

Earth and rock were ouled by the great quake from the northernmost 200 miles of the San Andreas fault line northwest of San Juan.



ABOVE IS THE DEVASTATION IN ITS TOTALITY, AS DEPICTED BY MODERN PHOTO-GRAPH. DELIVERED TO THE UNION OFFICES BY RAIL-CAR FROM SAN FRANCISCO IN ONLY SIX DAYS.

1906

There's just **ONE** little problem...



1989

<http://www.youtube.com/watch?v=FW-TkpvKPI0>

There's just **ONE** little problem...

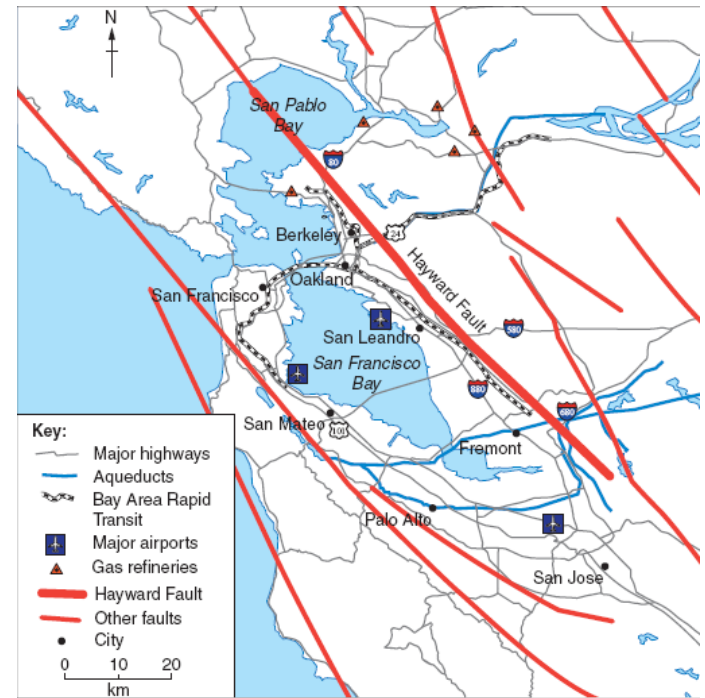
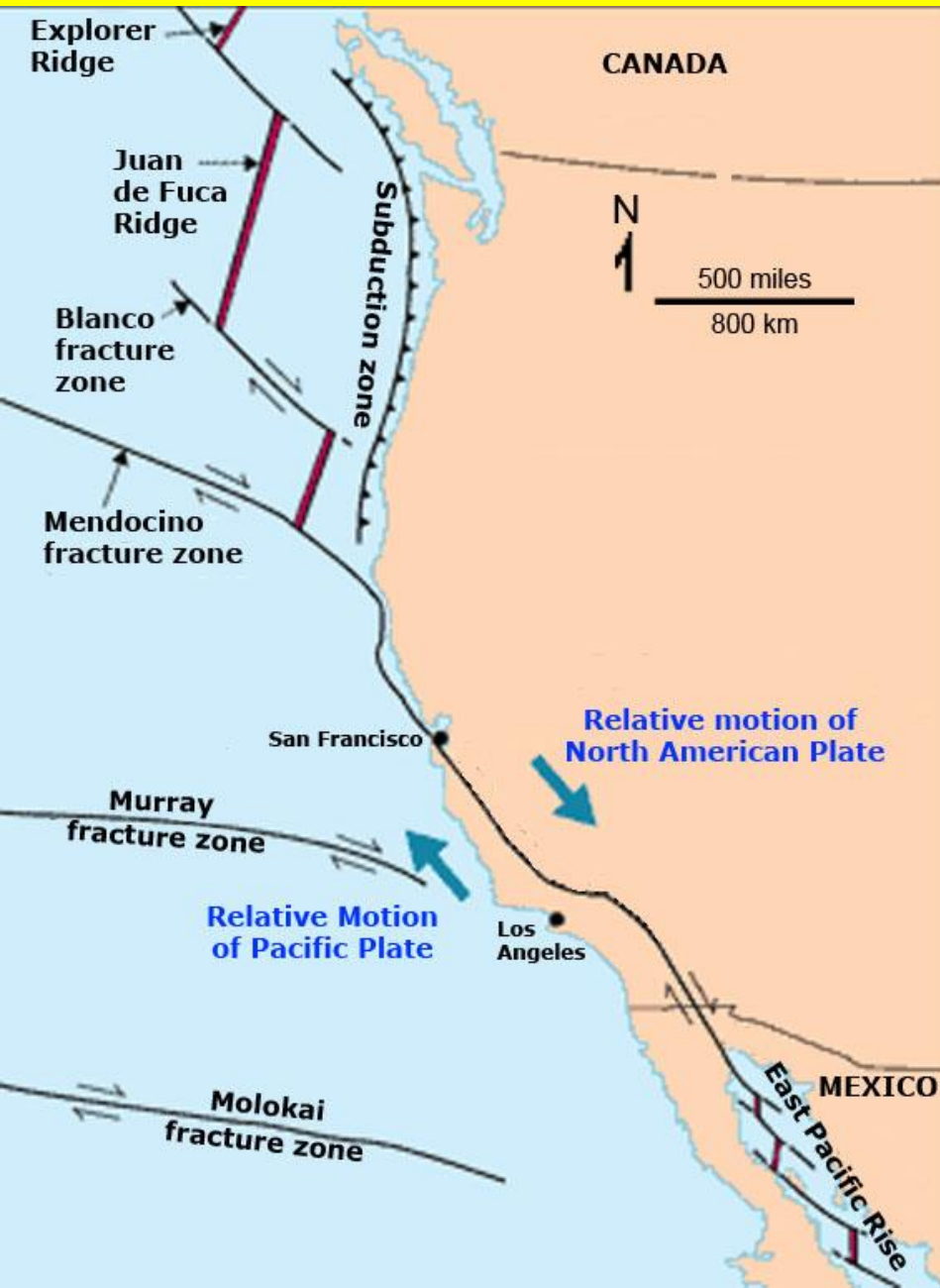


Faults (lines of weakness in the crust)

The result of stress caused by plates grinding alongside one another.

A **conservative** plate boundary

There's just **ONE** little problem...



1. Which **plates** are involved?
2. Why do earthquakes most commonly occur on **fault lines**?
3. So why do people **continue to want to live** in places like California given the dangers?

Managing Earthquakes

What do these words mean in terms of earthquake management?

Clearing away debris,
getting power back on.

Getting people ready,
emergency plans

Emergency shelters,
food, water, healthcare

Building buildings and
roads that will survive

Using data to forecast
future events

Rebuilding buildings,
roads, etc

Managing Earthquakes

Can you put these management strategies in the right order?

RECOVERY

PREPARATION

RESPONSE

PREVENTION

PREDICTION

RECONSTRUCTION

Managing Earthquakes

BEFORE

The 3 Ps!

PREDICTION

PREPARATION

PREVENTION

AFTER

The 3 Rs!

RESPONSE

RECOVERY

RECONSTRUCTION

Moving to California?!

PREPARATION

Earthquake Preparedness Plan

Before the earthquake:

- What can you do to make your home safer?
- What will you put into your earthquake kit? How many earthquake kits should your home have? (e.g. one for the house and one for the car, one on each floor?) Where will you keep it?

During the earthquake:

- What can you do to protect yourself during the earthquake (e.g. drop, cover and hold on)?
- What should you do if you are indoors when an earthquake occurs?
- What should you do if you are outdoors when an earthquake occurs?

Earthquake Preparedness Plan

After the earthquake:

- How will you re-connect with family members and loved ones if the earthquake occurs during school hours?
- How will you contact family members if you get separated? How can you easily check each other are safe?

An earthquake could strike at any time. Write a to-do list to ensure you are fully prepared...

When you arrive, your realtor has left this for your family to fill out...

EARTHQUAKE PREPAREDNESS PLAN

Fill it out using information from the videos and websites

Video on retrofitting your home:

<http://www.youtube.com/watch?v=lfOrxycYKtc>

Earthquake Country Alliance video:

<http://www.earthquakecountry.info/video/preparing.html>

California Emergency Management Agency (CALEMA) page:

<http://www.calema.ca.gov/Pages/default.aspx>

General advice on planning from FEMA:

<http://www.ready.gov/emergency-planning-checklists>

Earthquake Country Alliance:

<http://www.earthquakecountry.info/>