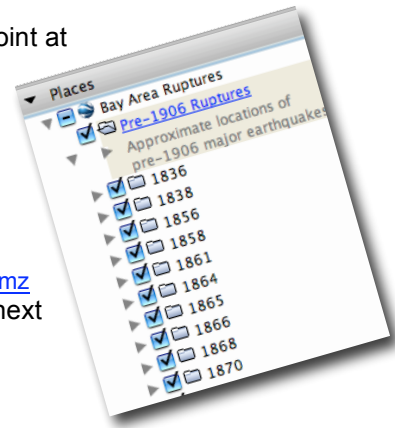


Earthquake! USGS & Google Earth

1906 Distribution of Slip and 1906 Northern Rupture Tour

<http://earthquake.usgs.gov/regional/nca/virtualtour/kml/1906RuptureTour.kmz>

- Does the amount of time it took for the earthquake to reach a point at the surface relate to the amount the earth moved at that location?
- Why do you think that the earth moved so much in some locations?



Bay Area EQ Probability

<http://earthquake.usgs.gov/regional/nca/virtualtour/kml/BayAreaEQProbability.kmz>

- What faults have the highest probability of releasing within the next 30 years.
- Do you think scientists are accurate at predicting earthquakes? Explain.

San Andreas & Bay Area Faults

<http://earthquake.usgs.gov/regional/nca/virtualtour/kml/SanAndreasBayAreaFaults.kmz>

- How many faults are in the Bay Area?
- Locate other faults in California.

Collaborate & Create - Docs & Spreadsheets & Google Earth

<http://www.google.com/google-d-s/b1.html>

<http://earth.google.com/>

Set up a collaborative Google Docs & Spreadsheet where students can record their findings on faults, or volcanic activity. Have students create their own Google Earth tour that explains plate boundaries and the impact of the Ring of Fire.

Other Resources:

A Virtual Tour of the 1906 Earthquake in Google Earth

<http://earthquake.usgs.gov/regional/nca/virtualtour/>



Cheryl Davis - Acalanes Union High School District
Lesson idea for 5th & 6th grade science