

# LESSON 16

## Notable Earthquakes in Texas

- *Earthquakes Shake Texas on Occasion*

### INSTRUCTIONAL SUGGESTIONS

#### 1. Map activity

- On a county map (Appendix), locate your county and identify it on a legend (key) with a color of your choice.
- Of the 28 Significant Earthquakes in Texas, direct the students to choose 20 sites for 70 points, 15 sites for 65 points, or 10 sites for 60 points
- Locate each county in which a significant earthquake occurred. Choose a color for that earthquake, place a colored dot inside the county lines, and add that significant earthquake to the legend (key). Additional information on earthquakes in Texas can be found at the U.S. Geological Survey at: <http://earthquake.usgs.gov/earthquakes/states/index.php?regionID=43>. NOTE: If students live in a county that has one or more earthquake sites, ask them to label—not color—the county in which they live.
- Students will write these four questions on the back of their map and answer each for 5 points.
  - What relationships do you find after completing your map?
  - Is your county in danger of experiencing a significant earthquake? Why or why not?
  - In which county would you *not* want to live if you feared an earthquake? Why?
  - In which county would you want to live if your feared an earthquake? Why?
- Award WOW points for neatness, 4 points; creativity (something different than the other students), 3 points; and colorful, 3 points.

#### 2. Essay of 250 words and illustrations

- Students write a short essay explaining significant earthquake locations in Texas.
- Include in the essay the destruction caused by the earthquake, loss of life or injuries, and economic devastation.
- Also include 10 color drawings to illustrate the essay.

#### 3. Annotated, illustrated timeline

- Use butcher paper at least 36 inches in length by 18 inches deep.
- Make available to students the “Significant Earthquakes in Texas” chart found in the “Notable Earthquakes Shake Texas” section of the Texas Almanac.
- Students will choose 20 earthquake dates and create a color illustration for each. Timeline annotation must include day, month and year of occurrence, what happened, and where it occurred.

### SOCIAL STUDIES TEKS

4 - 4, 6, 21, 22, 23

7 - 9, 21, 22, 23

8 - 23

### STAAR

4, 7 - Writing - 1, 2, 3

4, 7, 8 - Reading - 1, 2, 3

8 - Social Studies - 2

