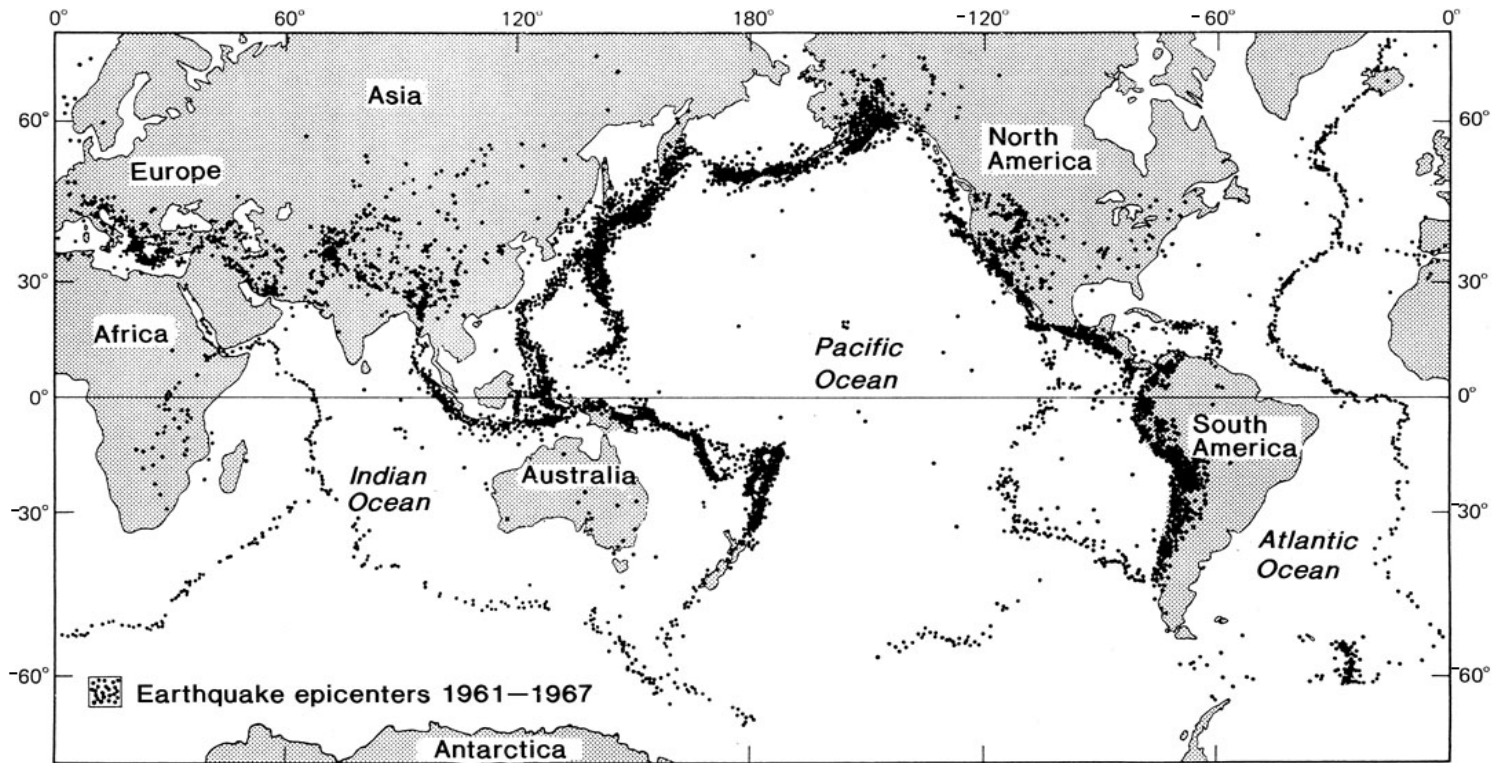


Activity: Earthquake Locations: Underlying Meaning?

Inspect the **classroom earthquake map** that we have been building (plotting) over the past week. Think about all of the earthquake data that we have collected thus far and try to make some scientific "guesses" about why the earthquakes appear as they do.

The questions below are typical ones that your parents or friends might ask if you were to show them the earthquake map -- see if you are prepared to answer their questions!



Note: this map above is just an example of earthquake activity from 1961-1967. For the questions below, consult the classroom map on the wall.

Question #1. What do the different sizes of dots represent? _____

Question #2. What do the different colors of dots represent? _____

Question #3. Where do most of the deepest earthquakes occur? _____

Question #4. Why are there so many earthquakes near Alaska? _____

Question #5. Why are there so many earthquakes in Indonesia? _____