**Plotting Earthquakes**

**Looking at the list of earthquakes, plot all of the earthquakes on the map on the other side using the same colored pencil. Place a dot where the earthquake occurs.**

1. Observe the pattern of earthquakes over the surface of the

Earth. Are they scattered at random or are they concentrated in certain areas? Describe your observations.

2. Why do you think earthquakes occur in the areas they occur?

**Now, use one color and connect all the dots with letters (A-Q). Use a different color to connect all the dots with numbers (1 – 26). Then use a third color to trace over the dotted lines.**

3. Do you see any patterns between the lines you drew, and the stars showing the earthquakes? Describe your observations.

4. Based on your data, describe where most earthquakes occur.

5. Read the 4 paragraphs describing the Earth’s plates. Write down main ideas for each paragraph.

 1. Main Idea

 2. Main Idea

 3. Main Idea

 4. Main Idea