**PLOTTING THE RING OF FIRE**

1. Read pages 7-10 of the Earth Processes Delta Science Reader. Answer the following questions with your group on a blank sheet of paper.
2. What are the three types of plate boundaries?
3. What geological processes occur at each type of plate boundary?
4. What causes earthquakes and how are they measured?
5. Where and how do volcanoes form?
6. Using Activity sheet 10A follow the instructions to plot locations of earthquakes and volcanoes on the map provided.
7. Answer the questions on Activity sheet 10A when you finish plotting all the earthquakes and volcanoes.
8. Optional activity: Visit Discovery Channel online and watch one of the following two videos and discuss what you viewed with your group.
9. “The Ring of Fire: Understanding Volcanoes” (1:08)
10. “Ring of Fire: Raging Planet” (1:38)