Published on *American Geosciences Institute* (https://www.americangeosciences.org)

Earth's Dynamic Geosphere: Plate Tectonics and Your Community

Students are challenged to develop a PowerPoint presentation, web page, or a three-panel poster display to help middle-school students understand the scientific theories behind plate tectonics.

Students Will...

- Learn how and why portions of the lithosphere move and examine the speed of that motion.
- Participate in scientific inquiry and construct logical conclusions based on evidence.
- Understand critical aspects of the flow of matter and energy within the geopshere.
- Investigate the results of the motions of plates, including volcanoes, earthquakes, mountain building, and other geologic activities.