SCIENCE BACKGROUND

Some events happen very quickly; others occur very slowly, over a time period much longer than one can observe. Volcanic eruptions and earthquakes are examples of events, which happen very quickly. The locations of mountain ranges, deep ocean trenches, ocean floor structures, earthquakes, and volcanoes occur in patterns. Most earthquakes and volcanoes occur in bands that are often along the boundaries between continents and oceans. Earthquakes, tsunamis, volcanic eruptions, and other hazards result from natural processes. Humans cannot eliminate the hazards but can take steps to reduce their impacts.

I CAN STATEMENT

✓ I can use information from several sources to provide evidence that Earth events can occur quickly or slowly.
✓ I can generate and compare multiple solutions to reduce the impacts of a volcanic eruption on humans.

NEXT GENERATION SCIENCE STANDARDS CONNECTION

2 – Earth’s Systems: Processes that Shape the Earth
4 – Earth’s Systems: Processes that Shape the Earth.