Apps used in the lesson.

**Tremor Tracker App**

This app, and similar apps listed below, displays real-time earthquake data on an interactive globe. Earthquakes are represented by pins. When a pin is tapped, data relevant to the earthquake is displayed including magnitude, location, time, and any warnings (e.g., tsunami) that have been issued.

*iPad*

**Earthquakes Tracker for Android**

**Earthquake Map and Alert for Android**

**World Earthquakes for Windows Devices**

**Dynamic Plates App**

This interactive app allows students to visualize and conceptualize the activity that occurs under the Earth’s surface. Students are able to physically manipulate Earth’s plates to simulate events like convergent or divergent boundaries. Concurrently, they are able to see and hear the results of these events on Earth’s surface. These are natural processes that are typically very abstract and difficult for students to conceptualize.

*iPad*

**Android**

**Sim Earthquake App**

This app allows students to see what happens at the epicenter of an earthquake by creating a simulation that creates earthquakes of different magnitudes when the device is shaken.

*iPad*

**Android**
Earthquake Simulator 2D App

This app allows students to construct a building using stones and bricks and then test the structure’s ability to withstand earthquakes of various magnitudes.

iPad

There are no equivalent Android Apps for this simulation. The web-based simulation listed below is a substitute.

Stop Disasters! Web-based Disaster Simulation Game