

Classroom Activity

10 Big Question: How does the Earth work?*



Build your own seismograph:

A seismometer records the movement of the ground by measuring the seismic waves (shock waves) from an earthquake.

A simple seismometer can be made to demonstrate the shaking of the ground.

To create this stomp test:

- Place a full glass or bucket of water on a chair
- Gather the class of students around the chair
- Jump up and down in unison

OR check out this iPad/iPhone application:

The Quakes - Earthquake Notifications application provides notifications of major earthquakes around the world, continually updating maps of recent activity.

<http://itunes.apple.com/au/app/quakes-earthquake>

This classroom activity was suggested by Diana Plavsá - PhD student, School of Earth and Environmental Science, University of Adelaide.

* To find out more about the 10 Big Questions, go to:

<http://www.sciences.adelaide.edu.au/learning-teaching/10bq/>

Further Information

Ph: (08) 8313 5673

Fax: (08) 8313 4386

Email: faculty.sciences@adelaide.edu.au

Web: www.sciences.adelaide.edu.au