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## Build an Earthquake Proof Structure

Posted by [sat](#) on Mon, 2014-08-18 20:56

This online resource investigates the implications of earthquakes.

The resource gives details for a student activity building and testing a structure that needs to withstand simulated earthquake vibrations.

Students use a shake table to simulate the earthquakes' movement. The activity can be used as is, or can be used as a stimulus for similar activities such as simulating liquefaction.

There is also scope to build and test different types of structures, using a variety of materials, to examine how the shake table affects the structures.

This activity would be best used in conjunction with a unit studying earthquakes and their effects.

Australian Curriculum v9 Codes: AC9S8U03 (Year 8)

### **Tags:**

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[Earth's surface](#)

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[shake table](#)

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Earthquakes

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