

UEA GEOHAZARDS • MINI ERUPTION

Try this for a mini eruption
in your kitchen!

Take a tall, clear cylinder
(a plastic drink bottle will do).

Add water and vegetable oil (about
1/2 and 1/2) filled to about halfway up.

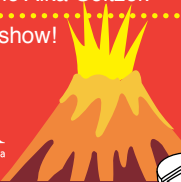
Add several drops of food dye
(wait for it to sink into the water).

For a little eruption,
add half an Alka-Seltzer.

For a big eruption,
add a whole Alka-Seltzer.

Enjoy the show!

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UEA GEOHAZARDS

Make your own

EARTHQUAKE MONITOR



Use your smartphone

Your smartphone can be used to record earthquakes! Search for 'vibration meter' or 'seismograph' on the AppStore or Google Play. Can you make different types of earthquakes?

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Build a seismometer

You will need a plastic cup, some string, plasticine and a pen.

Make a hole in the bottom of the plastic cup (get an adult to help).

Push your pen through the hole and secure with plasticine.

Suspend the cup with string from a frame (K'nex or Lego) and shake your table.

