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## Natural Disasters Activity for Kids

### Seismograph DIY








 Duration: **30-60 min**    Difficulty: **Medium**    Cost: **\$0 to \$5**

Construct your own seismograph and simulate an earthquake!

### Material List

-  Box
-  Pair of scissors
-  Rubber bands
-  Marker
-  Paper strip
-  Ruler

### Instructions

-  Tape one side of the box closed.
-  Cut a rectangular slit on both sides of the box along the bottom.
-  Along the top, poke a hole in the 4 corners of the box.
-  Tie 1 rubber band around each of these holes.
-  Loop the 4 bands around a marker and use one more rubber band to secure it in place.
-  Adjust the height of the marker so it just barely touches the bottom of the box.
-  Feed the paper strip through the slot while shaking the box to simulate an earthquake.

### How It Works

When an earthquake occurs, a seismograph records earthquake activity. Due to the shaking, a pattern on the sheet of paper is created. These patterns provide information about the details of an earthquake, such as how strong it was and how long it lasted.

