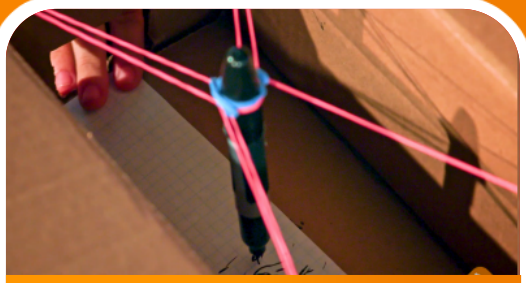
GENERATIONGENIUS
ALWAYS QUESTION. ALWAYS WONDER.



Watch Video

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

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

Instructions

1. Tape one side of the box closed.
2. Cut a rectangular slit on both sides of the box along the bottom.
4. Along the top, poke a hole in the 4 corners of the box.
5. Tie 1 rubber band around each of these holes.
6. Loop the 4 bands around a marker and use one more rubber band to secure it in place.
7. Adjust the height of the marker so it just barely touches the bottom of the box.
8. 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.