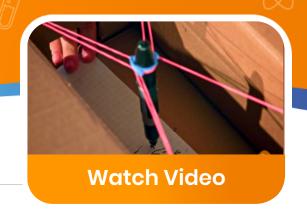


# **Natural Disasters Activity for Kids**



## Seismograph DIY



Duration: 30-60 min





Cost: **\$0 to \$5** 

Construct your own seismograph and simulate an earthquake!

### **Material List**

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

#### **Instructions**

- 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.
- 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.