



Earthquake Structures

4th Grade - NGSS 3-5-ETS1-2
Materials and Additional Resources



Materials

- 20 plastic straws
- 10 paper clips
- 2 paper plates
- String
- Scissors
- Masking tape
- Small ziploc bag filled with sand (About one pound)



Engineering Design Process

[Identify, Brainstorm, Prototype, Test, Iterate, Share | Engineering Design Process](#)



Non-Fiction Reading (Newsela and Read Works are free platforms)

[Earthquakes](#)

[Plate Tectonics and Fault Types](#)



Music

[Earthquake What Makes the Earth Shake?](#)

[Earthquake Song](#)



Videos*

[Invention of the Richter Scale](#)

[How a Seismograph Works](#)



Teacher Resources

[Make Your Own Seismograph | STEM Activity](#)

[The Science of Earthquakes](#)

[11 Facts About Earthquakes](#)

[Earthquakes for Kids](#)

[Science for Kids: Earthquakes](#)

**A note about YouTube videos - The listed videos have been previewed, however individual teachers should also preview to ensure content is appropriate for their students.*