

Design to Avoid Disaster

You will be creating a building that you believe would survive an earthquake. Think about what makes a building strong. It may be helpful to sketch out your idea first.

Possible Materials to use to create buildings- index cards, paper, cardboard (for example- cut up cereal boxes), newspaper, rolled up paper, paper plates, straws, Legos, Knex, marshmallows, popsicle sticks, tape, etc. DO NOT BUY ANYTHING. USE RECYCLED MATERIALS OR MATERIALS YOU ALREADY HAVE.

Criteria for the building- It must be free Standing (not attached to surface that you are using as a shake table), at least 1 foot tall, and able to survive your pretend earthquake.

Possible Items to Use a Shake Table- a cookie sheet, large piece of cardboard, a sturdy pillow, rocking chair, a laundry basket flipped over, etc.

*The material lists are only suggestions. You are welcome to improvise and use what is available at your home. Feel free to this as a family!

Once you have completed the activity, take a picture. You will attach this picture to the discussion board. Then answer the questions on the discussion board provided by your teacher.

Examples-

