FORCES TO CONTEND WITH!

You will find this ACTIVITY much easier by first completing the 'STRONG MAN' activity at wonderville.ca!

Challenge Your Family and Friends

Using only the materials listed and no other supports, build a structure that will support a standard building brick.

The Criteria

- SAFETY FIRST: Watch out for hands and feet during testing!
- Each person or team has a maximum of 10 minutes to plan and 15 minutes to build and test.
- The structure must support the brick for a minimum of 1 minute.

If your structure can hold 1 brick, keep adding more, one at a time, until your structure collapses. — Watch out for fingers and toes!

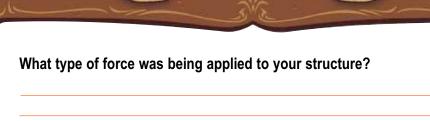
The Materials

- (1) standard building block
- safety goggles
- · smooth, flat piece of wood
- (4) index cards
- (1) 8.5" x 11" piece of paper
- (12) drinking straws
- (15) round toothpicks





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Describe how your structure eventually failed. What would have caused this to happen?