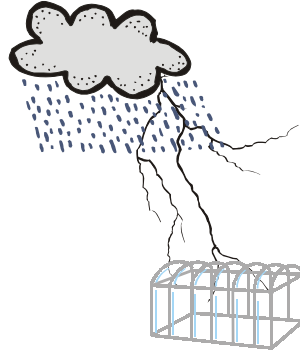




Lunar Acid Rain Shelter



Your lunar research team has landed on the moon. Mission control has just radioed to notify of an impending acid rain storm approaching. You have only 90 minutes to produce a cover to protect your team of (5 or 6) from the storm and keep them comfortable for the hour duration of the acid rain.

Objective: Build a shelter to protect your group from the lunar acid rain

Time: 90 minutes construction

- Parameters:**
- ★ Only tape (2 rolls) and newspaper (no limit) may be used.
 - ★ No openings in the shelter can exceed what a double-wide sheet of newspaper can cover in an open state. Actual openings do not have to be covered, only capable of being covered had this been a real drill.
 - ★ Shelter must have a working door.
 - ★ All members of the team must be able to fit inside the shelter and be comfortable for an hour.
 - ★ Shelter may be taped to the floor but otherwise must be free standing, not connected to objects, the wall, or team members as a means of support.
 - ★ Construction time is 90 minutes.
 - ★ All beams must be produced by rolling newspaper around provided dowel rod. No other style of beams are allowed.
 - ★ All shelters must have sketches showing all ideas for construction
 - ★ **OPTIONAL:** Members of team may only talk verbally for the first 15 minutes, then only body language or written/sketched communication may be used.
 - ★ If it wasn't specified...it's legal to do. Loopholes in the rules are encouraged!

Materials: Newspaper
Dowel rods (2) per group ¼" preferred
Masking or Cellophane tape (2) rolls per team
Paper for sketches and communication
Pencil

