

## Team Carton Works II

### Judge: Preparation:

- 12 half gallon cardboard milk or juice cartons, uniform size and construction, washed with soap and water.
- 15 Address labels
- 5 paper clips
- 3 12" pieces of string
- Folding ruler for judges' use in measuring

### Judge Instructions:

*(Judge: When team members enter the room, tell them)*

This is a hands-on challenge. You have 1 minute to select the five team members who will compete. The others must sit in these seats and watch or be escorted from the room. They may not assist in solving the problem and may not talk.

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*(Judge: After 5 Team Members Chosen and seated, Read all the instructions, repeat, then Start the Time)*

You have 12 half gallon cartons, address labels, paper clips, and string

- Your task, is to crate a structure as high as possible using the just the materials supplied
- The structure must be supported only by the floor
- You may modify, crush, or tear the cartons.

You will have 5 minutes to create structures. At the end of the five minutes the judges will measure the final structure

### Scoring

- You will receive 5 points for each inch the height of the structure exceeds 40 inches  
(For example if the structure is 52 inches high you will receive 60 points, that is 5 times 52 minus 40 or 5 times 12)
- You will receive from 0 to 10 points for teamwork

You may ask questions at any time, time continues.

*(Judge: Repeat all the instructions, then Start the Time)*

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Team Copy and Count Form

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