

Rope A Clip

Judge: Preparation:

- You will need an area at least 35' and 10' wide.
- Two boxes of 100 #1 paper clips (to be used and twisted by team)
- Two chairs with backs with a top rail such that a string of paper clips can go around the top rail.
- A tape measure or folding ruler.

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.

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

You have 200 paper clips.

- Your task, is to create a rope bridge of paper clips between the backs of these two chairs
- The paper clip bridge must only be supported by the chairs and may not touch the floor
- You may modify, crush, or bend the paper clips in any way
- You may reposition the chairs in any way you choose

You will have 5 minutes to create the rope bridge.

Scoring

- The judges will measure the shortest distance between the chairs. You will be scored one point for each full inch the chairs are apart.
- 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

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