Going Fishing

Challenge: Your TASK is to make a fishing pole and line using the materials provided. Then you will put as many "fish weights" as possible on the line.

Time: You will have 6 minutes to use your IMAGINATION to construct the pole and test it, and 1 minute to add the weights.

Procedure:

Part One, 6 minutes. Use the materials to construct a pole that will stretch out from the table as far as possible. The pole must extend at least 12 inches beyond the table. The end of the pole will be attached or held to the table. You must attach the line to the far end of the pole. The "fish weights" will be attached to the line. You may test your pole and line during Part One. Your test weights will need to be removed at the end of Part One.

Part Two, 1 minute. Attach the "fish weights" to the line one at a time. If the pole breaks or if the line or weights on the line touch the floor, attaching weights must stop. After the one minute time is up, attaching weights must stop.

Materials:
- 1 sheet 8-1/2" x 11" paper
- 10 spaghetti
- 10 straws
- 10 toothpicks
- 12" length of string
- 2 adhesive labels
- 25 clothes pin "fish weights" used only to test the structure

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**Scoring:** You will receive

A. 2 points for every inch the pole extends past the edge of the table
B. 3 points for each fish weight held by the line without touching the floor or breaking the line or pole
C. Up to 20 points for how creatively or effectively you use the materials
D. Up to 20 points for how well your team works together