

Instant Challenge  
Advanced Level  
**Hang in There**

**Challenge:** Your **TASK** is to create a structure that is as tall as possible and that can be hung upside down.

**Time:** You will have up to 6 minutes to use your IMAGINATION to create your structure and then up to 1 minute to hand it up for score.

**Set-up:** In the middle of the room is a taped square. There is also a hook hanging from the ceiling. In addition, there is a table with materials.

**Procedure:**

•**Part One** (6 minutes): Use the materials to create a structure that is as tall as possible. You may practice hanging your structure in Part One, however this practice will not receive score. In order to proceed to Part Two, you must have a structure within the taped square by the end of Part One. You will be warned when you have one minute remaining and 30 seconds remaining in Part One. At the end of Part One, the Appraisers will measure the height of your structure.

•**Part Two** (1 minute): Hang your structure from the hook for score. In order to receive score for hanging your structure, the structure must hang without being touched by any team member for 5 seconds. No part of the structure may fall off in Part Two in order to earn points for hanging the structure.

**Materials:**

<b>3 Chenille Sticks (Pipe Cleaners)</b>	<b>6 Toothpicks</b>	<b>2 Mailing Labels</b>	<b>1 Cup</b>
<b>1 Piece of Paper</b>	<b>3 Paper Clips</b>	<b>2 Pencils</b>	<b>4 Straws</b>

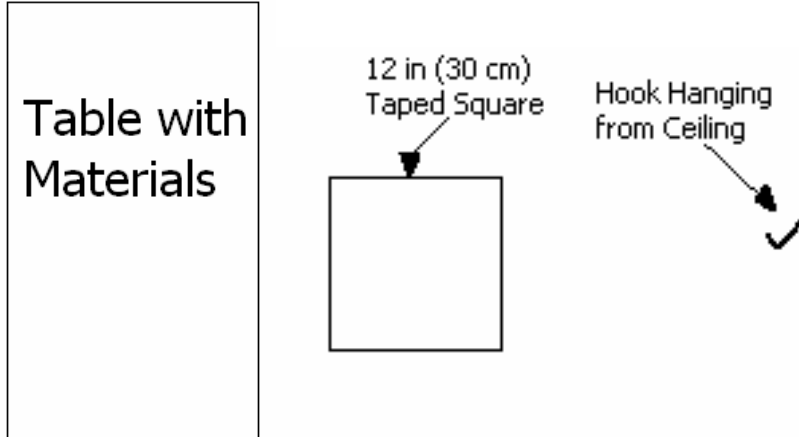
**Scoring:** You will receive

- A. 2 points (40 points maximum) for each inch of height of your structure at the end of Part One.
- B. 20 points if your structure is successfully hung in Part Two.
- C. Up to 20 points for how creatively you use the materials.
- D. Up to 20 points for how well your team works together.

## Hang in There

### **For Appraisers Only:**

1. The set-up consists of a taped square on the floor and a hook hanging from the ceiling. There is also a table with materials.



2. Be sure to warn the team when there is 1 minute remaining and 30 seconds remaining in Part One.
3. If a team member touches the structure while it is hanging during Part Two, they should be warned and any points the team may have gained as a result should not be awarded.

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**Set-up:** In the middle of the room is a taped square. There is also a hook hanging from the ceiling. In addition, there is a table with materials.

## **Procedure:**

**Part One** (6 minutes):

- Use the materials to create a structure that is as tall as possible.
- You may practice hanging your structure in Part One, however this practice will not receive score.
- In order to proceed to Part Two, you must have a structure within the taped square by the end of Part One.
- You will be warned when you have one minute remaining and 30 seconds remaining in Part One.
- At the end of Part One, the Appraisers will measure the height of your structure.

**Part Two** (1 minute):

- Hang your structure from the hook for score.
- In order to receive score for hanging your structure, the structure must hang without being touched by any team member for 5 seconds.
- No part of the structure may fall off in Part Two in order to earn points for hanging the structure.

**Scoring:** You will receive

- A. 2 points (40 points maximum) for each inch of height of your structure at the end of Part One.
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- D. Up to 20 points for how well your team works together.

Hang In There

## **Materials:**

(Tape to Table)

3 Chenille Sticks (Pipe Cleaners)

6 Toothpicks

2 Mailing Labels

1 Cup

1 Piece of Paper

3 Paper Clips

2 Pencils

4 Straws