APPRAISER COPY

Instant Challenge

Entry and Advanced Levels

Leaning Tower

Challenge: Your **TASK** is to create a tower that leans against the wall.

Time: You will have up to 2 minutes to discuss strategy and up to 5 minutes to use your IMAGINATION to create your structure and lean it up against the wall.

Set-up: In the middle of the room is a taped line. In addition, there is a table with materials.

Procedure:

•**Part One** (2 minutes): Discuss strategy. **During this time, no team member may touch the materials.**

•**Part Two** (5 minutes): Use the materials to build a tower and lean it against the wall. ~~You will be warned when you have one minute remaining and 30 seconds remaining in Part Two.~~ In order for your tower to receive score, it must both touch the taped line and the wall, and not touch inside the taped square. It must also remain standing for ten seconds without a team member touching it in order to be scored. At the end of Part Two, the Appraisers will measure the distance between the corner and the first point where your tower touches the wall as well as the distance between the corner and the first point where the tower touches the floor.

Materials:

10 Toothpicks 3 Mailing Labels 6 Straws Scissors 10 Coffee Stirrers

The mailing labels may not be attached to the wall or the floor. The scissors may not be altered and may not be part of your tower.

Scoring: You will receive

A. 2 points for each inch (2.5 cm) between the corner and the first point where the tower touches the wall.

B. 2 points for each inch (2.5 cm) between the corner and the first point where the tower touches the floor.

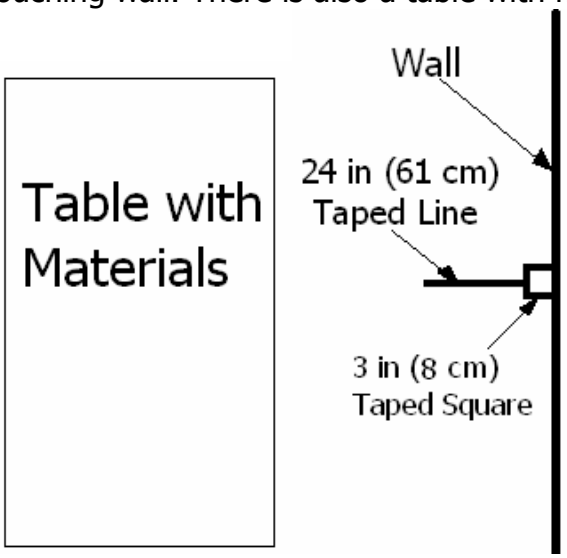
C. Up to 30 points for how creatively you use the materials.

D. Up to 20 points for how well your team works together.

Leaning Tower

For Appraisers Only:

1. The set-up consists of a taped line perpendicular to a taped square, which is touching wall. There is also a table with materials.



3. If a team member touches the materials during Part One, they should be warned and any points the team may have gained as a result should not be awarded.

TEAM COPY

Leaning Tower

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Time: You will have up to 2 minutes to discuss strategy and up to 5 minutes to use your IMAGINATION to create your structure and lean it up against the wall.

Set-up: In the middle of the room is a taped line. In addition, there is a table with materials.

Procedure:

Part One (2 minutes):

- Discuss strategy.
- **During this time, no team member may touch the materials.**

Part Two (5 minutes):

- Use the materials to build a tower and lean it against the wall.
- ~~You will be warned when you have one minute remaining and 30 seconds remaining in Part Two.~~
- In order for your tower to receive score, it must both touch the taped line and the wall, and not touch inside the taped square.
- It must also remain standing for ten seconds without a team member touching it in order to be scored.
- At the end of Part Two, the Appraisers will measure the distance between the corner and the first point where your tower touches the wall as well as the distance between the corner and the first point where the tower touches the floor.

Scoring: You will receive

A. 2 points for each inch (2.5 cm) between the corner and the first point where the tower touches the wall.
B. 2 points for each inch (2.5 cm) between the corner and the first point where the tower touches the floor.
C. Up to 30 points for how creatively you use the materials.
D. Up to 20 points for how well your team works together.

Leaning Tower

Materials:

(Tape to Table)

10 Toothpicks

Mailing Labels

6 Straws

Scissors

10 Coffee Stirrers

The mailing labels may not be attached to the wall or the floor. The scissors may not be damaged and may not be part of your tower.

10 Coffee Stirrers