

**Instant Challenge Workshop**  
***Task-Based Activity***  
***Rising Stars Level***

# Bean Stalk

**Challenge:** Your TASK is to build a tower that holds beans.

**Time:** You will have up to 20 minutes to use your IMAGINATION to build a tower that will hold a cup of beans.

**Set-up:** There is a table with materials you may use to build your tower.

**Procedure (15 Minutes):** Use the materials on the table to design, build, and test your tower. The tower must hold a cup with beans completely off the table. And, just for fun, at the end of the 15 minutes or as soon as the team asks, the team manager will measure the height of the bean cup above the table. No team member may be touching the tower during the measurement.

**Materials:**

3 cups	12 straws
12 coffee stirrers	6 rubber bands
3 Chenille stems	9 index cards
12 paper clips	5 cotton swabs
3 sheets of paper	1 foot tape

1 ounce of dried beans in a small cup (Don't eat the beans)

Measurements will be made straight up from the table top to the top of each tower.

Extension ideas:

- Add more beans
- Use the remainder materials to build another tower
- See if the tower will hold a golf ball
- See if the tower will hold a tennis ball