

# Twin Towers Instant Challenge

For this challenge your team will divide into two groups and each group will build a tower independently. At the end of the challenge the height of the two towers will be compared, the closer in height the towers are the more points your team will earn.

## Materials

Each team will be given:

- 6 drinking straws
- 4 paper clips
- Two chenille sticks
- 2 paper cups
- 2 rubber bands
- 1 mailing label
- 1 piece of string, 12" long
- 1 pair of scissors (can only be used as a tool, not as part of the tower)

## Rules

- The teams will have 5 minutes to build their tower
- Both towers must be a minimum of 10" tall to be scored
- The tower must be built inside of the taped area on each team's table
- There is no speaking during the challenge
- The teams are not allowed to look at each other or the other team's tower during the challenge
- The towers must be freestanding

## Scoring

- 60 points if each team has a tower a minimum of 10" tall after 5 minutes
- The team will lose 10 points for each inch in height difference between the towers, the height of each tower will be rounded to the nearest inch
- The team will earn one bonus point for each inch taller than 10" of the taller tower, the maximum number of bonus points are 10
- 15 points for creativity and creative use of materials
- 15 points for teamwork

## Appraisers Notes

- Visual separation between the two groups is required, the teams shouldn't be able to see each others tower but should be able to hear each other, some type of screen or barrier between the teams is ideal
- Teams can come up with ways to communicate non-verbally, this could include things like knocking on the table for the number of inches their tower is currently at, morse code, etc.